

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0702462501](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch C-Grid® Header, Low Profile, Dual Row, Vertical, Shrouded, 26 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, Void Circuit 26, Lead-free

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

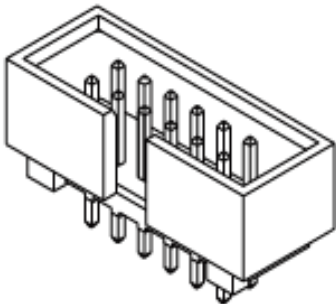
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [70246](#)  
Application Wire-to-Board  
Overview [cgrid\\_sl\\_products](#)  
Product Name C-Grid®

**Physical**

Breakaway No  
Circuits (Loaded) 26  
Circuits (maximum) 26  
Circuits Detail Void at circuit 26  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part None  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Number of Rows 2  
Orientation Vertical  
PC Tail Length (in) 0.135 In  
PC Tail Length (mm) 3.43 mm  
PCB Locator No  
PCB Retention None  
Packaging Type Tray  
Pitch - Mating Interface (in) 0.100 In  
Pitch - Mating Interface (mm) 2.54 mm  
Pitch - Term. Interface (in) 0.100 In  
Pitch - Term. Interface (mm) 2.54 mm  
Plating min: Mating (µin) 15  
Plating min: Mating (µm) 0.38  
Plating min: Termination (µin) 75  
Plating min: Termination (µm) 1.90  
Polarized to Mating Part Center Slot  
Polarized to PCB No  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -55°C to +120°C



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

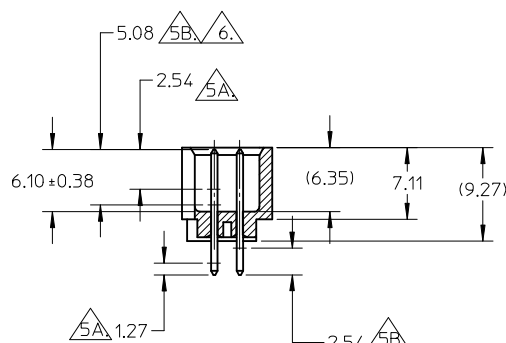
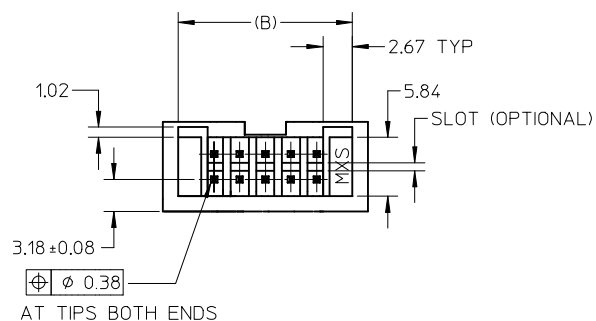
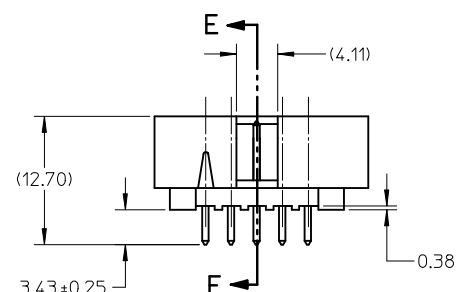
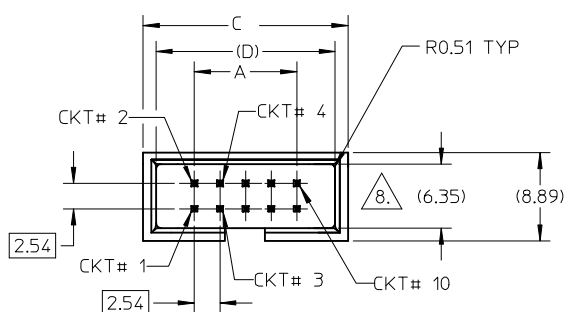
**Search Parts in this Series**  
[70246Series](#)

**Mates With**  
[70450 SL™](#) Crimp Housing, [70058 SL™](#)  
Crimp Terminal

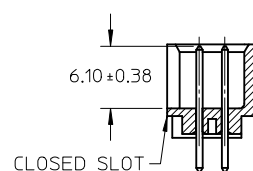
|                                                |                        |
|------------------------------------------------|------------------------|
| Termination Interface: Style                   | Through Hole           |
| <b>Electrical</b>                              |                        |
| Current - Maximum per Contact                  | 2.5A                   |
| Voltage - Maximum                              | 250V DC                |
| <b>Solder Process Data</b>                     |                        |
| Duration at Max. Process Temperature (seconds) | 10                     |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 265                    |
| <b>Material Info</b>                           |                        |
| <b>Reference - Drawing Numbers</b>             |                        |
| Packaging Specification                        | PK-87835-001           |
| Sales Drawing                                  | SDA-70246-**20-25,39   |

This document was generated on 05/25/2010

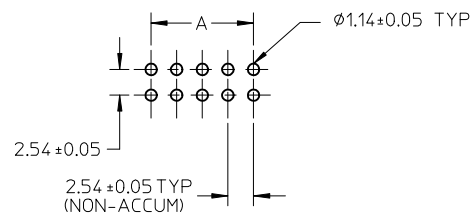
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SECTION E-E



MOLEX IRELAND PRODUCTION ONLY  
(OPTION)



RECOMMENDED PCB HOLE LAYOUT

NOTES:

- PIN PUSHOUT FORCE (.9072KG)/2LBS MIN.
- PIN SOLDERABILITY PER MOLEX SPEC. ES-152.
- PRODUCT SPEC: PS-70246 APPLIES.
- WAFER TO BE FLAT WITHIN .003 MM/MM.
- DIMENSIONS FOR PLATING LOCATION:
  - 5A MEASURE POINT FOR THICKNESS
  - 5B MINIMUM COVERAGE
  - 6. GOLD END OF PIN UNLESS OVERALL PLATED.
- FINISH:
  - 571 : 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
  - 574 : 30 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
  - 544 : 5 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
  - 573 : 20 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 100 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.
- DIM AT THE CENTRE OF THE SHROUDED WALL SHALL BE 5.91MM MIN. THIS SPEC IS VALID FOR ALL CKT SIZE.
- MATERIAL:
  - HSG: GLASS FILLED PBT, UL94V-0, COLOUR BLACK
  - PIN: 0.64MM SQ. PIN PHOSPHOR BRONZE.

CHANGES TO VOID CKT FOR  
P/N(70246-1003)  
EC NO: S2010-0052  
DRWN:YMC HONG 2009/07/24  
CHKD:ATSEE 2009/07/28  
APPR:MLONG 2009/07/29

QUALITY SYMBOLS  
▽=0  
C=0  
DESCRIPTION  
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

|               | mm     | INCH  |
|---------------|--------|-------|
| 4 PLACES      | ± ---  | ± --- |
| 3 PLACES      | ± ---  | ± --- |
| 2 PLACES      | ± 0.20 | ± --- |
| 1 PLACE       | ± ---  | ± --- |
| ANGULAR ± 3 ° |        |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY

| DRAWN BY     | DATE       |
|--------------|------------|
| JENNIFER     | 1987/09/18 |
| CHECKED BY   | DATE       |
| RWONG        | 1987/09/18 |
| APPROVED BY  | DATE       |
| ALANB        | 1987/09/18 |
| MATERIAL NO. | SEE TABLE  |

| SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-------|--------------|------------------------|
| NTS   | METRIC       |                        |

TITLE  
C-GRID, SHROUDED HEADER  
(SLOTTED W/O STANDOFFS)

MOLEX INCORPORATED

DOCUMENT NO. SDA-70246-\*\*20-25,39-41

SHEET NO. 1 OF 2

|                                                                                                                                                                              |                  |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|-------------|----------|----------|----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|------------|----------|------------|--------|------------|--------|--------|----------|--------|--------|---------|--------|--------|---------------|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|----------|------------|------------|------|-------|------------|-------------|------|-------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                              | 10               | 9              |             | 8        |          | 7        |          | 6                                                                                                                                                                                                                                                                                                                                                                     | 5 | 4 | 3 | 2 | 1 |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | PART<br>NUMBER   | CKT<br>SIZE    | VOID<br>CKT | DIM<br>A | DIM<br>B | DIM<br>C | DIM<br>D | VOID CKT, ONLY APPLY<br>TO PLATING CODE                                                                                                                                                                                                                                                                                                                               |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| F                                                                                                                                                                            | 70246-08**       | 08             | -           | 7.62     | 14.73    | 17.78    | 15.24    | <div>LEGEND:</div> <div>70246 - * * * * *</div> <div>CKT SIZE</div> <div>PLATING OPT.</div> <div>SEE TABLE FOR DETAIL</div> <table><tr><td>△ PART<br/>NUMBER</td><td>PLATING OPTION</td></tr><tr><td>70246-**01</td><td>571</td></tr><tr><td>70246-**02</td><td>574</td></tr><tr><td>70246-**04</td><td>544</td></tr><tr><td>70246-**12</td><td>573</td></tr></table> |   |   |   |   |   | △ PART<br>NUMBER                                                                            | PLATING OPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70246-**01 | 571 | 70246-**02 | 574      | 70246-**04 | 544    | 70246-**12 | 573    |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | △ PART<br>NUMBER | PLATING OPTION |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-**01       | 571            |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-**02       | 574            |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-**04       | 544            |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-**12       | 573            |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 70246-10**                                                                                                                                                                   | 10               | -              | 10.16       | 17.27    | 20.32    | 17.78    | -        |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 70246-12**                                                                                                                                                                   | 12               | -              | 12.70       | 19.81    | 22.86    | 20.32    | -        |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 70246-14**                                                                                                                                                                   | 14               | -              | 15.24       | 22.35    | 25.40    | 22.86    | -        |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 70246-16**                                                                                                                                                                   | 16               | -              | 17.78       | 24.89    | 27.94    | 25.40    | -        |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 70246-20**                                                                                                                                                                   | 20               | -              | 22.86       | 29.97    | 33.02    | 30.48    | -        |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 70246-24**                                                                                                                                                                   | 24               | -              | 27.94       | 35.05    | 38.10    | 35.56    | -        |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 70246-26**                                                                                                                                                                   | 26               | -              | 30.48       | 37.59    | 40.64    | 38.10    | -        |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| E                                                                                                                                                                            | 70246-30**       | 30             | -           | 35.56    | 42.67    | 45.72    | 43.18    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-34**       | 34             | -           | 40.64    | 47.75    | 50.80    | 48.26    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-40**       | 40             | -           | 48.26    | 55.37    | 58.42    | 55.88    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-44**       | 44             | -           | 53.34    | 60.45    | 63.50    | 60.96    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-50**       | 50             | -           | 60.96    | 68.07    | 71.12    | 68.58    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-56**       | 56             | -           | 68.58    | 75.69    | 78.74    | 76.20    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| D                                                                                                                                                                            | 70246-60**       | 60             | -           | 73.66    | 80.77    | 83.82    | 81.28    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-64**       | 64             | -           | 78.74    | 85.85    | 88.90    | 86.36    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-72**       | 72             | -           | 88.90    | 96.01    | 99.06    | 96.52    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-25**       | 26             | 26          | 30.48    | 37.59    | 40.64    | 38.10    | -                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              | 70246-1003       | 10             | 10          | 10.16    | 17.27    | 20.32    | 17.78    | 571                                                                                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
|                                                                                                                                                                              |                  |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| C                                                                                                                                                                            |                  |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| B                                                                                                                                                                            |                  |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| A                                                                                                                                                                            |                  |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| <div>CHANGES TO VOID CKT FOR<br/>P/N 70246-1003<br/>EC NO: S2010-0052<br/>DRWN: YNCHONG 2009/07/24<br/>CHKD: ATSEE 2009/07/28<br/>APPR: MLONG 2009/07/29</div> <div>J2</div> |                  |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   | <div>QUALITY<br/>SYMBOLS</div> <div>▽=0</div> <div>▽=0</div> <div>DESCRIPTION<br/>REV</div> | <div>GENERAL TOLERANCES<br/>(UNLESS SPECIFIED)</div> <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>3 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>2 PLACES</td><td>± 0.20</td><td>± .---</td></tr><tr><td>1 PLACE</td><td>± .---</td><td>± .---</td></tr><tr><td colspan="3">ANGULAR ± 3 °</td></tr></table> <div>DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</div> |            | mm  | INCH       | 4 PLACES | ± .---     | ± .--- | 3 PLACES   | ± .--- | ± .--- | 2 PLACES | ± 0.20 | ± .--- | 1 PLACE | ± .--- | ± .--- | ANGULAR ± 3 ° |  |  | <div>DIMENSION STYLE<br/>MM ONLY</div> <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>JENNIFER</td><td>1987/09/18</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>RWONG</td><td>1987/09/18</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>ALANB</td><td>1987/09/18</td></tr></table> <div>MATERIAL NO.</div> <div>SEE TABLE</div> <div>SIZE<br/>A3</div> | DRAWN BY | DATE | JENNIFER | 1987/09/18 | CHECKED BY | DATE | RWONG | 1987/09/18 | APPROVED BY | DATE | ALANB | 1987/09/18 | <div>SCALE<br/>NTS</div> <div>DESIGN UNITS<br/>METRIC</div> <div>THIRD ANGLE<br/>PROJECTION</div> <div>TITLE<br/>C-GRID, SHROUDED HEADER<br/>(SLOTTED W/O STANDOFFS)</div> <div> MOLEX INCORPORATED</div> <div>DOCUMENT NO.<br/>SDA-70246-**20-25,39-41</div> <div>SHEET NO.<br/>2 OF 2</div> | <div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br/>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div> |  |
|                                                                                                                                                                              | mm               | INCH           |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 4 PLACES                                                                                                                                                                     | ± .---           | ± .---         |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 3 PLACES                                                                                                                                                                     | ± .---           | ± .---         |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 2 PLACES                                                                                                                                                                     | ± 0.20           | ± .---         |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| 1 PLACE                                                                                                                                                                      | ± .---           | ± .---         |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| ANGULAR ± 3 °                                                                                                                                                                |                  |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| DRAWN BY                                                                                                                                                                     | DATE             |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| JENNIFER                                                                                                                                                                     | 1987/09/18       |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| CHECKED BY                                                                                                                                                                   | DATE             |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| RWONG                                                                                                                                                                        | 1987/09/18       |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| APPROVED BY                                                                                                                                                                  | DATE             |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| ALANB                                                                                                                                                                        | 1987/09/18       |                |             |          |          |          |          |                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |
| tb_frame_A3_P_AM_T<br>Rev_F 2006/04/15                                                                                                                                       | 9                | 8              | 7           | 6        | 5        | 4        | 3        | 2                                                                                                                                                                                                                                                                                                                                                                     | 1 |   |   |   |   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |     |            |          |            |        |            |        |        |          |        |        |         |        |        |               |  |  |                                                                                                                                                                                                                                                                                                                                                                                       |          |      |          |            |            |      |       |            |             |      |       |            |                                                                                                                                                                                                                                                                                               |                                                                                                                                              |  |