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Part Number:

0673569163

Status:

Active

Description:

D-Subminiature Non-Shielded I/O PCB Female Receptacle, Right Angle, Through Hole, 9 Circuits, without Screws Attached, 0.025µm (1µ") Gold (Au) Plating, with Beveled Metal Pins, Lead Free

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-67356-004 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

|                |                              |
|----------------|------------------------------|
| Product Family | I/O Connectors               |
| Series         | 67356                        |
| Application    | Wire-to-Board                |
| Comments       | Non-Shielding; without Screw |
| Component Type | Receptacle                   |
| Product Name   | D-Sub, DB9                   |
| Type           | N/A                          |

Physical

|                                |                |
|--------------------------------|----------------|
| Boot Color                     | N/A            |
| Circuits (Loaded)              | 9              |
| Circuits (maximum)             | 9              |
| Gender                         | Female         |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Material - Plating Mating      | Gold           |
| Number of Rows                 | 2              |
| Orientation                    | Right Angle    |
| PC Tail Length (in)            | 0.125 In       |
| PC Tail Length (mm)            | 3.18 mm        |
| PCB Locator                    | Yes            |
| PCB Retention                  | Yes            |
| PCB Thickness Recommended (in) | 0.063 In       |
| PCB Thickness Recommended (mm) | 1.60 mm        |
| Packaging Type                 | Tray           |
| Panel Mount                    | Yes            |
| Pitch - Mating Interface (in)  | 0.054 In       |
| Pitch - Mating Interface (mm)  | 1.38 mm        |
| Pitch - Term. Interface (in)   | 0.054 In       |
| Pitch - Term. Interface (mm)   | 1.38 mm        |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | Yes            |
| Ports                          | 1              |
| Surface Mount Compatible (SMC) | No             |
| Temperature Range - Operating  | -55°C to +85°C |
| Termination Interface: Style   | Through Hole   |
| Waterproof / Dustproof         | No             |

Electrical

|                               |             |
|-------------------------------|-------------|
| Current - Maximum per Contact | 1A          |
| Grounding to Panel            | Screw Hole  |
| Shield Type                   | Full Shield |
| Shielded                      | Yes         |
| Voltage - Maximum             | 300V DC     |

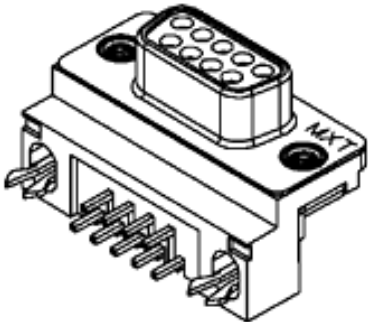


image - Reference only

Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**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**  
67356Series

**Mates With**  
48202

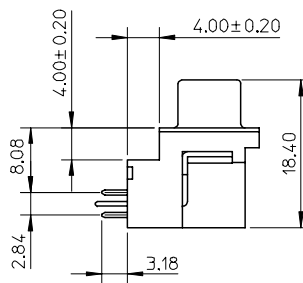
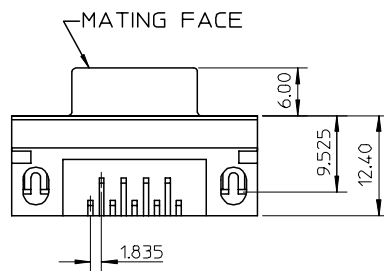
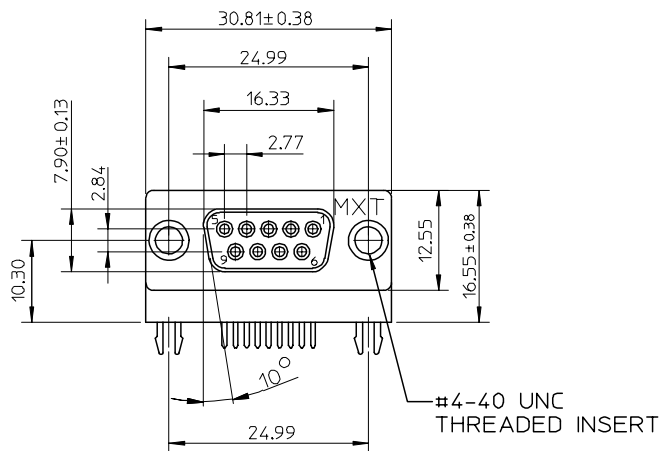
**Material Info**

**Reference - Drawing Numbers**

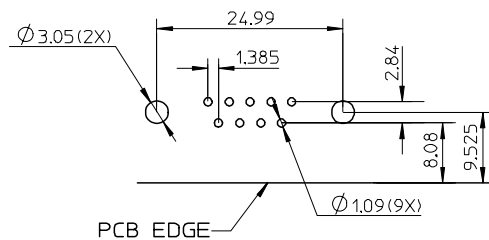
|                       |              |
|-----------------------|--------------|
| Product Specification | PS-67356-004 |
| Sales Drawing         | SD-67356-005 |

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| P / N      | SCREW   |
|------------|---------|
| 67356-9063 | WITH    |
| 67356-9163 | WITHOUT |



RECOMMENDED PCB LAYOUT

#### NOTE:

##### 1.MATERIAL:

HOUSING: POLYBUTYLENE TEREPHTHALATE, GLASS FIBER FILLED,  
UL94-V0, COLOR:BLACK.

TERMINAL: PHOSPHOR BRONZE.

METAL SHELL: SPCC.

BOARD LOCK: BRASS.

SCREW: BRASS.

##### 2.PLATING:

###### TERMINAL:

CONTACT AREA: GOLD PLATING,THICKNESS=1~3 MICROINCH.

SOLDER TAIL: TIN PLATING, THICKNESS=100 MICROINCH MIN/2.54 MICROMETER MIN.

UNDER PLATE: NICKEL PLATING.

METAL SHELL:TIN PLATING,THICKNESS=100 MICROINCH MIN/2.54 MICROMETER MIN.

UNDER PLATE: COPPER PLATING,THICKNESS=50 MICROINCH MIN/1.27 MICROMETER MIN.

BOARD LOCK: TIN PLATING,THICKNESS=50 MICROINCH MIN/1.27 MICROMETER MIN.

SCREW: NICKEL PLATING.

##### 3.RECOMMENDED PCB THICKNESS: 1.60+/-0.05mm.

##### 4.PRODUCT SPECIFICATION: REFER TO PS-67356-004.

##### 5.TEST SUMMARY: REFER TO TS-67356-004.

##### 6.PACKAGING SPECIFICATION: REFER TO PK-67356-001.

##### 7.LEAD FREE AND ROHS COMPLIANT PRODUCT.

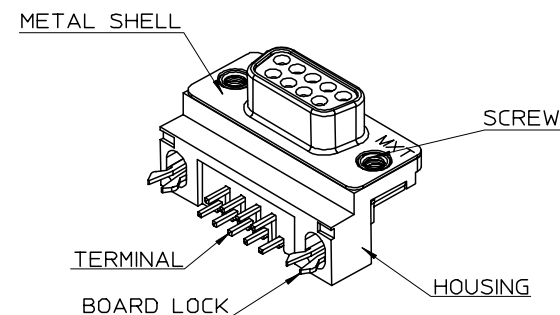
#### PART NUMBER LEGEND :

67356 - 9 \* 6 3

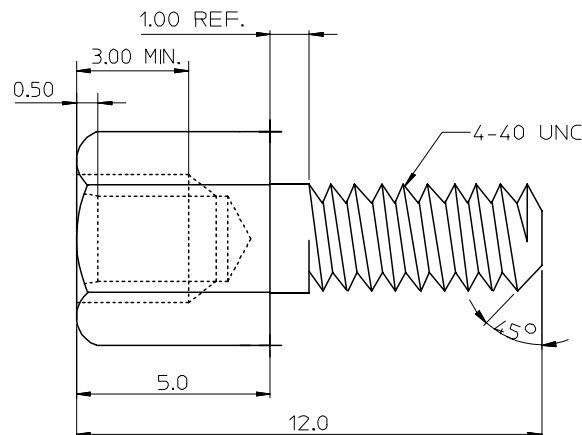
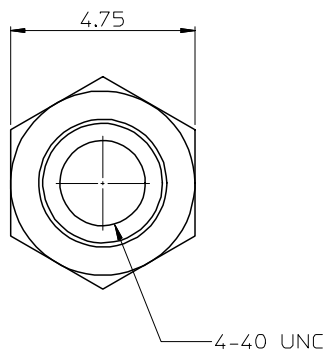
#### SCREW OPTION :

0. 2 PCS #4-40 HEX INNER THREAD SCREW ATTACHED.

1. WITHOUT SCREW ATTACHED.



|                                                                                                                        |             |                                   |                                                            |        |                            |                                                                                                                               |                    |                                                        |                           |                     |  |  |  |
|------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------------|--------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------|---------------------------|---------------------|--|--|--|
| PER PDR CM0101<br>EC NO: SH2007-0151<br>DRWN:ALLIN<br>CHKD:<br>APPR:WWSCHANG<br>2006/09/27<br>2006/09/28<br>2006/09/28 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY |                                                                                                                               | SCALE<br>1.5:1     | DESIGN UNITS<br>METRIC                                 | THIRD ANGLE<br>PROJECTION |                     |  |  |  |
|                                                                                                                        |             |                                   |                                                            | mm     | INCH                       | DRAWN BY<br>LINDA                                                                                                             | DATE<br>2006/02/23 | TITLE<br>9 CKT FEMALE D-SUB<br>NON-SHIELDING CONNECTOR |                           |                     |  |  |  |
|                                                                                                                        |             |                                   | 4 PLACES                                                   | ± ---  | ± ---                      | CHECKED BY                                                                                                                    | DATE               |                                                        |                           |                     |  |  |  |
|                                                                                                                        |             |                                   | 3 PLACES                                                   | ± ---  | ± ---                      | ROGER TSAI                                                                                                                    | 2006/02/23         |                                                        |                           |                     |  |  |  |
|                                                                                                                        |             |                                   | 2 PLACES                                                   | ± 0.25 | ± ---                      | APPROVED BY                                                                                                                   | DATE               |                                                        |                           |                     |  |  |  |
|                                                                                                                        |             |                                   | 1 PLACE                                                    | ± 0.25 | ± ---                      | ALLEN LIN                                                                                                                     | 2006/02/23         | MOLEX MOLEX INCORPORATED                               |                           |                     |  |  |  |
|                                                                                                                        |             |                                   | ANGULAR ± 3 °                                              |        |                            | MATERIAL NO.<br>67356-9063                                                                                                    |                    | DOCUMENT NO.<br>SD-67356-005                           |                           | SHEET NO.<br>1 OF 2 |  |  |  |
|                                                                                                                        |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                        |                           |                     |  |  |  |
|                                                                                                                        |             |                                   |                                                            |        |                            |                                                                                                                               |                    |                                                        |                           |                     |  |  |  |
|                                                                                                                        |             |                                   |                                                            |        |                            |                                                                                                                               |                    |                                                        |                           |                     |  |  |  |



- NOTES:
- 1.MATERIAL:BRASS
  - 2.FINISH: NICKEL(Ni)
  - 3.PACKAGING SPECIFICATION:REFER TO PK-67356-002
  - 4.LEAD FREE AND ROHS COMPLIANT PRODUCT
  - 5.TORQUE SPECIFICATION:2.0 Kg-cm MAXIMUM

|                                                                                                            |             |                                    |                                       |        |       |                                                            |                    |                                                                                                                               |                        |                                                                                                              |
|------------------------------------------------------------------------------------------------------------|-------------|------------------------------------|---------------------------------------|--------|-------|------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|
| SEE SHEET 1<br>EC NO: SH2007-0151<br>DRWN:ALLIN 2006/09/27<br>CHKD: 2006/09/28<br>APPR:WWSCHANG 2006/09/28 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽C=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        |       | DIMENSION STYLE<br>MM ONLY                                 |                    | SCALE<br>1:1                                                                                                                  | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |
|                                                                                                            |             |                                    |                                       | mm     | INCH  | DRAWN BY<br>LINDA                                          | DATE<br>2006/02/23 | TITLE<br>9 CKT FEMALE D-SUB<br>NON-SHIELDING CONNECTOR                                                                        |                        |                                                                                                              |
|                                                                                                            |             |                                    | 4 PLACES                              | ± ---  | ± --- | CHECKED BY<br>ROGER TSAI                                   | DATE<br>2006/02/23 |                                                                                                                               |                        |                                                                                                              |
|                                                                                                            |             |                                    | 3 PLACES                              | ± ---  | ± --- | APPROVED BY<br>ALLEN LIN                                   | DATE<br>2006/02/23 |                                                                                                                               |                        |                                                                                                              |
|                                                                                                            |             |                                    | 2 PLACES                              | ± 0.25 | ± --- | MOLEX MOLEX INCORPORATED                                   |                    |                                                                                                                               |                        |                                                                                                              |
| REV                                                                                                        |             |                                    | 1 PLACE ± 0.25 ± ---                  |        |       | MATERIAL NO.<br>67356-9999                                 |                    | DOCUMENT NO.<br>SD-67356-005                                                                                                  | SHEET NO.<br>2 OF 2    |                                                                                                              |
|                                                                                                            |             |                                    | ANGULAR ± 3 °                         |        |       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                                                                                                              |
|                                                                                                            |             |                                    |                                       |        |       |                                                            |                    |                                                                                                                               |                        |                                                                                                              |