

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0872630403

Status:

Active

Description:

2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount, Bottom Entry, 0.38μm (15μ") Gold (Au) Selective, 4 Circuits, with Pick-and-Place Cap, Tube, Leadfree

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

87263

Application

Board-to-Board

Product Literature Order No

987650-1991

Product Name

Milli-Grid™

Physical

Circuits (Loaded)

4

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Rows

2

Orientation

Bottom Entry

PCB Locator

Yes

PCB Retention

None

Packaging Type

Tube

Pitch - Mating Interface (in)

0.079 In

Pitch - Mating Interface (mm)

2.00 mm

Pitch - Term. Interface (in)

0.079 In

Pitch - Term. Interface (mm)

2.00 mm

Plating min: Mating (μin)

15.2

Plating min: Mating (μm)

0.38

Polarized to Mating Part

No

Polarized to PCB

Yes

Robotic Placement

Pick and Place Cap

Temperature Range - Operating

-55°C to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

1A

Voltage - Maximum

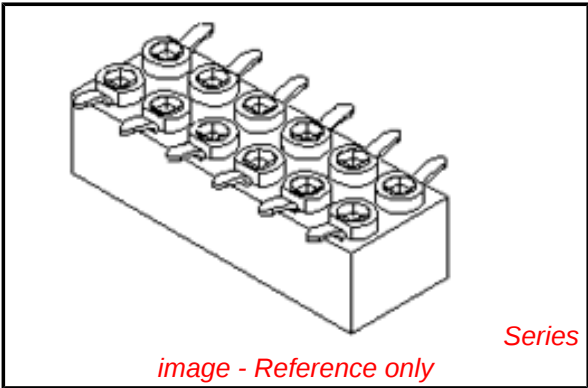
125V

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-87263-**2*



EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

China RoHS



Need more information on product
environmental compliance?

Email 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
87263Series

Mates With
87759 Vertical, Surface Mount, Stackable
PCB Headers, 87760 Right Angle, Through
Hole, Stackable PCB Headers, 87758
Vertical, Through Hole, Stackable PCB
Headers

This document was generated on 04/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

F

E

D

C

B

A

F

E

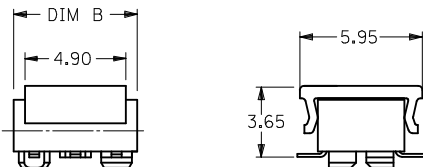
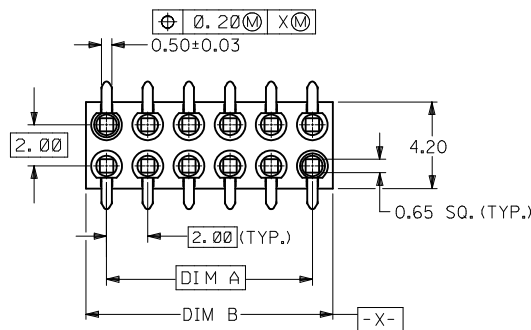
D

C

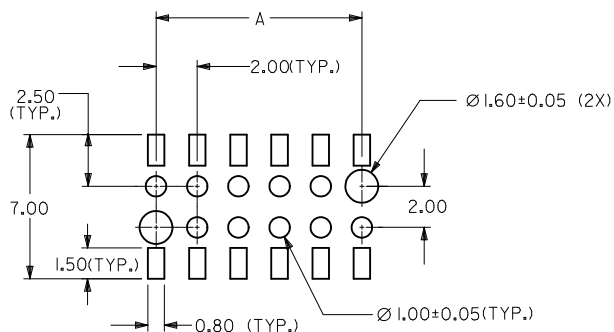
B

A

10987654321



PARTS TO BE PACK WITH CAP (12 CKT SHOWN)



RECOMMENDED SOLDER PAD DESIGN

PART NO. LEGEND

87263 - * * * *

CIRCUIT SIZE

PLATING OPTION

3 - 0.38µm MIN. GOLD

5 - 0.76µm MIN. GOLD

6 - (0.13-0.38)µm GOLD FLASH

PACKAGING

0 - W/CAP IN TUBE (SEE SHEET 2)

2 - W/O CAP IN TUBE (SEE SHEET 2)

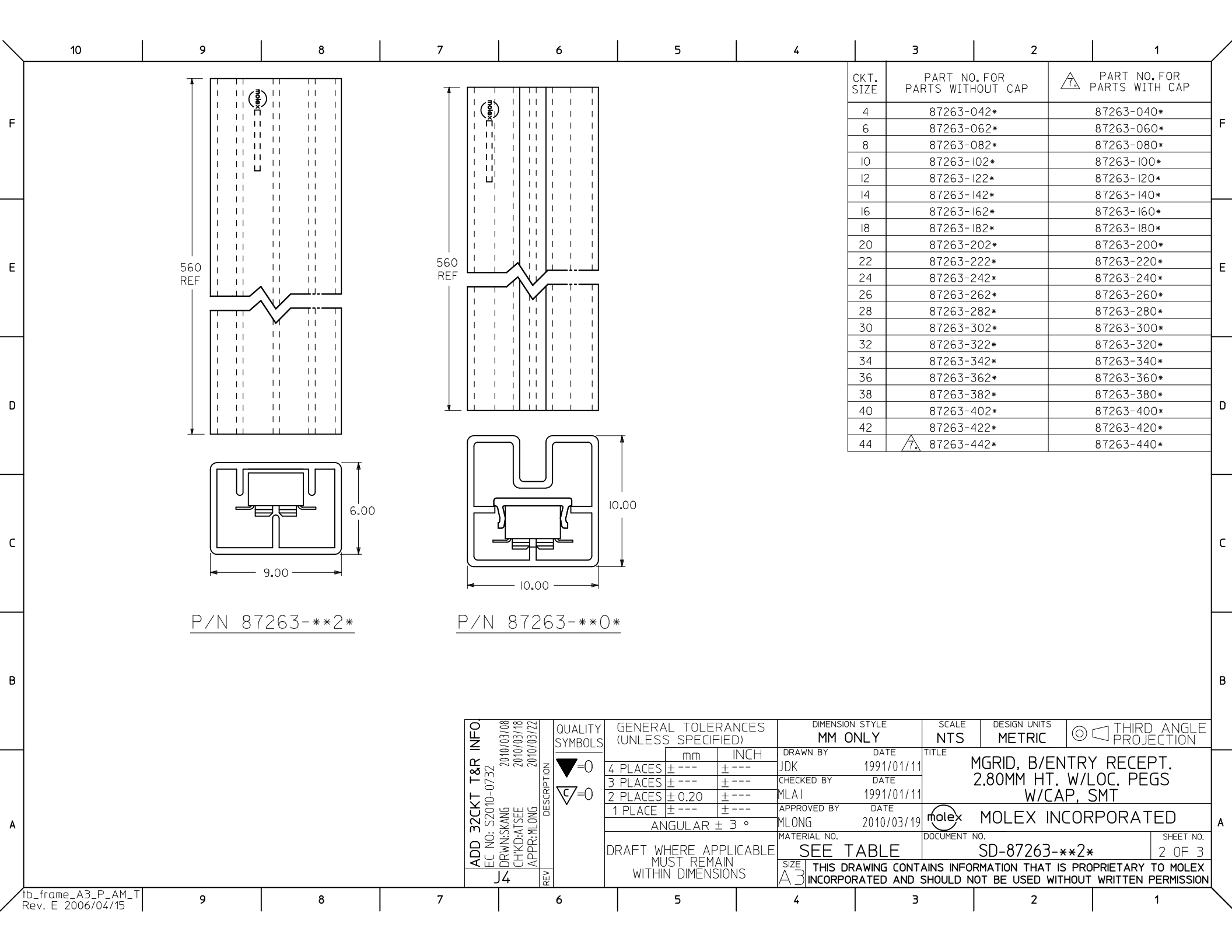
9 - W/CAP IN TAPE & REEL (SEE SHEET 3)

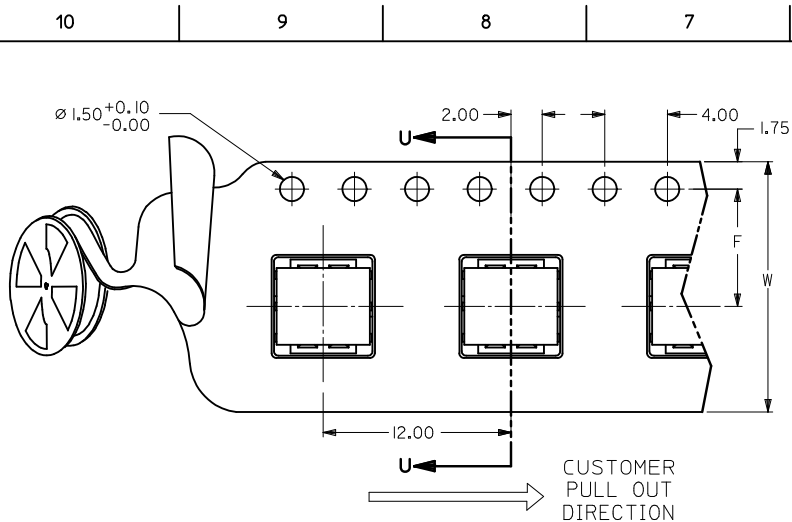
CKT. SIZE	DIM. A	DIM. B
4	2.00	4.00
6	4.00	6.00
8	6.00	8.00
10	8.00	10.00
12	10.00	12.00
14	12.00	14.00
16	14.00	16.00
18	16.00	18.00
20	18.00	20.00
22	20.00	22.00
24	22.00	24.00
26	24.00	26.00
28	26.00	28.00
30	28.00	30.00
32	30.00	32.00
34	32.00	34.00
36	34.00	36.00
38	36.00	38.00
40	38.00	40.00
42	40.00	42.00
44	42.00	44.00

NOTES:

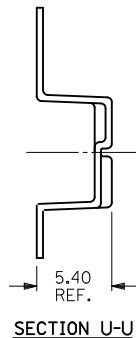
- FOR ILLUSTRATION PURPOSES, DRAWING SHOWS PART WITH 12 CIRCUIT SIZE.
- PLATING
POST-PLATING - SELECTIVE GOLD (SEE LEGEND) AT CONTACT AREA, AND 1.27µm MIN. SELECTIVE TIN AT SOLDER AREA BOTH OVER 1.27µm MIN. NICKEL OVERALL.
- CO-PLANARITY OF P.C TAIL TO BE MEASURED BY RESTING THE PART ON A FLAT GAGE SURFACE.
- PRODUCT SPECIFICATION PS-87263 APPLIES.
- CAP : HIGH TEMPERATURE THERMOPLASTIC, UL RATED 94V-0, SUITABLE FOR SURFACE-MOUNT SOLDERING PROCESS. COLOR BLACK
- POSITION OF CAP TO BE CENTRAL WITH RESPECT TO DIMENSION "A"
- CONTACT FACTORY FOR DETAILS ON THIS PART NO.
- PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG.

ADD 32CKT T&R INFO EC NO: S2010-0732 DRWN:SKANG 2010/03/08 CHKD:ATSEE 2010/03/18 APPR:MLONG 2010/03/22 J4				DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ □	
		mm	INCH			DRAWN BY JDK	DATE 1991/01/11	TITLE MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP, SMT					
4 PLACES		± ---	± ---			CHECKED BY MLAI	DATE 1991/01/11						
3 PLACES		± ---	± ---										
2 PLACES		± 0.20	± ---			APPROVED BY MLONG		DATE 2010/03/19	molex MOLEX INCORPORATED				
1 PLACE		± ---	± ---			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87263-***2*		1 OF 3	
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

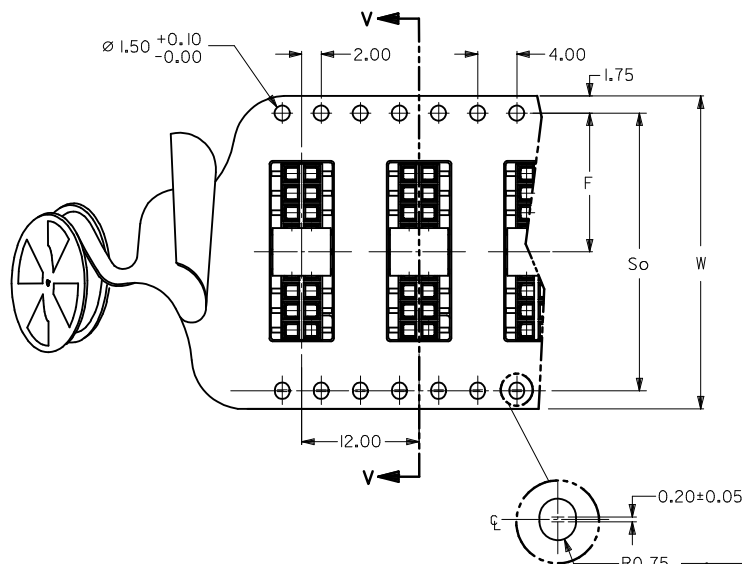




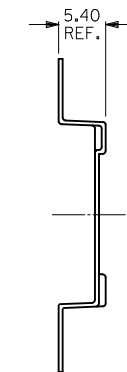
PART NO. 87263-***9* (CKTS 04 TO 14)
SINGLE SPROCKET HOLE T/REEL - TYPE A



SECTION U-U



PART NO. 87263-***9* (CKTS 16 TO 40)
DOUBLE SPROCKET HOLE T/REEL - TYPE B

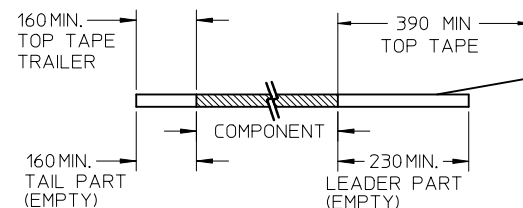


SECTION V-V

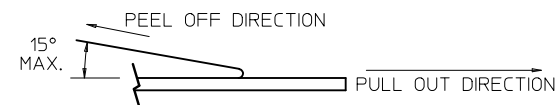
PART NO. FOR PARTS IN T/REEL	CKT. SIZE	F	So	W	T/REEL TYPE
87263-049*	4	11.5	-	24	A
87263-069*	6	11.5	-	24	
87263-089*	8	11.5	-	24	
87263-109*	10	11.5	-	24	
87263-129*	12	11.5	-	24	
87263-149*	14	11.5	-	24	
87263-169*	16	11.5	-	24	B
87263-189*	18	14.2	28.4	32	
87263-209*	20	20.2	40.4	44	
87263-229*	22	-	-	-	
87263-249*	24	20.2	40.4	44	
87263-269*	26	20.2	40.4	44	
87263-289*	28	20.2	40.4	44	
87263-309*	30	20.2	40.4	44	
87263-329*	32	26.2	52.4	56	
87263-349*	34	-	-	-	
87263-369*	36	26.2	52.4	56	
87263-389*	38	-	-	-	
87263-409*	40	-	-	-	

NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.

4. TAPE & REEL QUANTITY = 1000PCS/REEL.

5. THE TAPE IS TREATED FOR ANTI-STATIC.

ADD 32CKT T&R INFO		QUALITY SYMBOLS	DESCRIPTION
EC NO.	REV		
S2010-0732	J4	▽=0	
DRWN:SKANG		◻=0	
2010/03/08			
CHKD:ATSEE			
2010/03/18			
APPR:MLONG			
2010/03/22			

GENERAL TOLERANCES (UNLESS SPECIFIED)	
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
JDK	1991/01/11
CHECKED BY	DATE
MLAI	1991/01/11
APPROVED BY	DATE
MLONG	2010/03/19
MATERIAL NO.	
SEE TABLE	
SIZE A3	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE		
MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP, SMT		
MOLEX INCORPORATED		
DOCUMENT NO. SD-87263-***2*		
SHEET NO. 3 OF 3		