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Part Number: [0872633423](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount, Bottom Entry, 0.38μm (15μ") Gold (Au) Selective, 34 Circuits, without Pick-and-Place Cap, Tube, Leadfree

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

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) 34
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
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Surface Mount

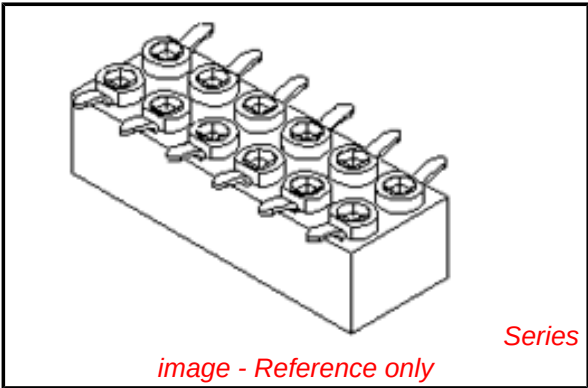
Electrical

Current - Maximum per Contact 1A
Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 14
Lead-free Process Capability Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 265

Material Info



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
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

Reference - Drawing Numbers

Sales Drawing

SD-87263-**2*

This document was generated on 04/27/2010

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F

E

D

C

B

A

F

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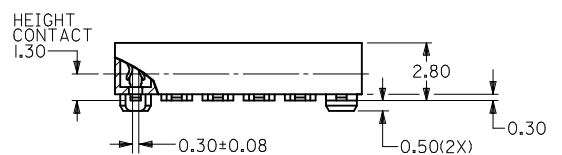
5

4

3

2

1

HEIGHT
CONTACT
1.300.10
SEE NOTE 3**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

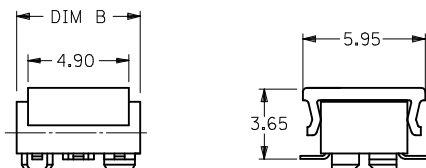
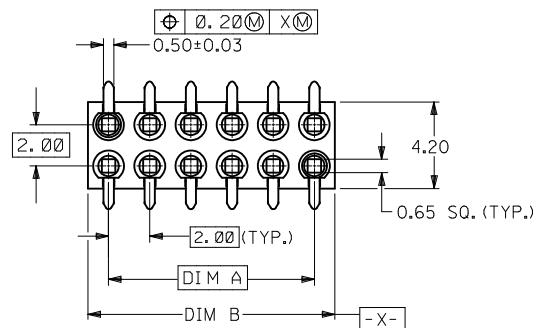
PACKAGING

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

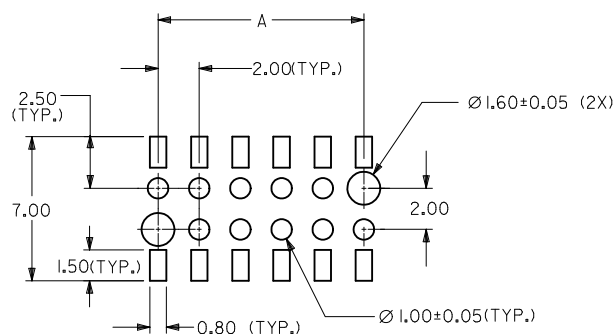
2 - W/O CAP IN TUBE (SEE SHEET 2)

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



PARTS TO BE PACK WITH CAP (12 CKT SHOWN)

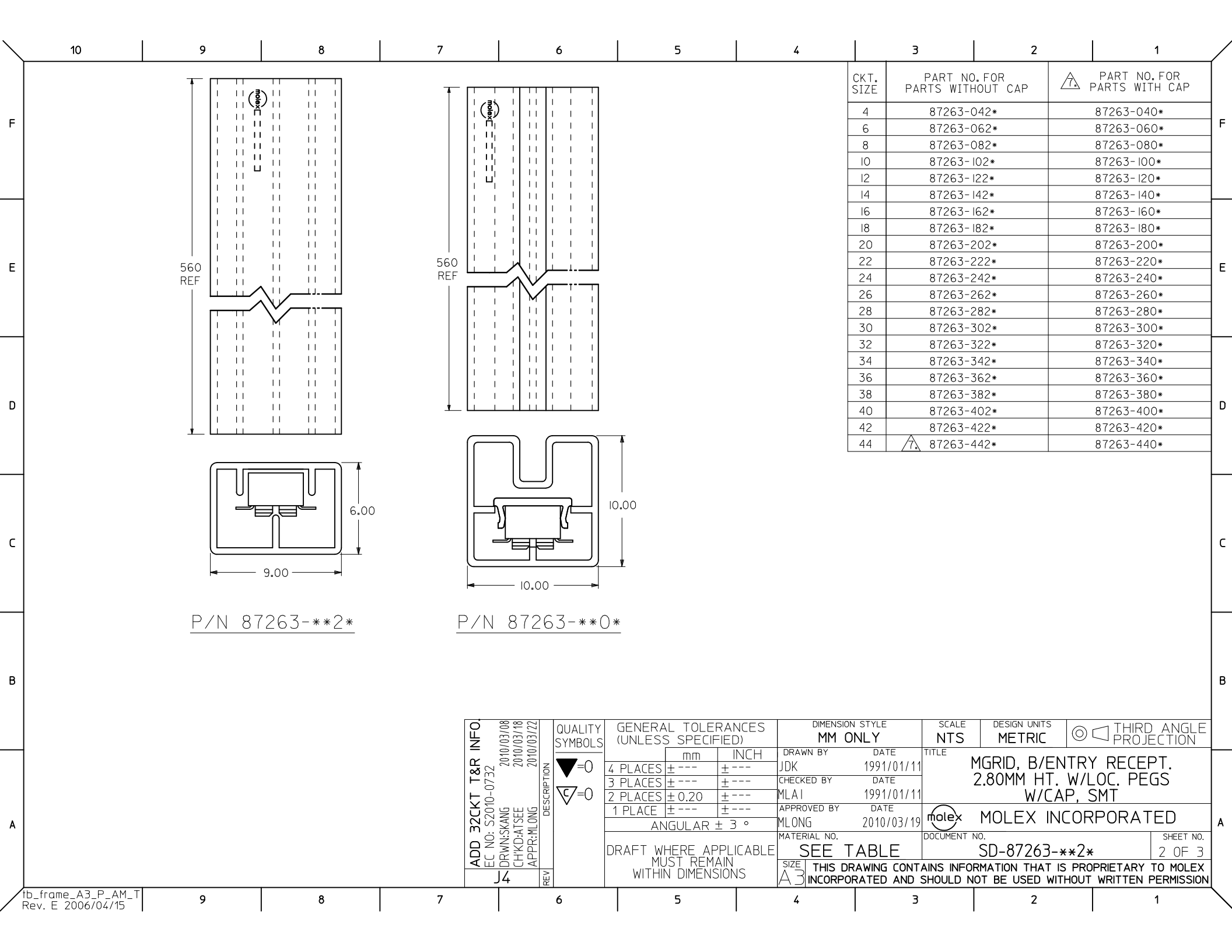


RECOMMENDED SOLDER PAD DESIGN

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





SECTION V-V

tb_frame_A3_P_AM_T
Rev. E 2006/04/15