

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

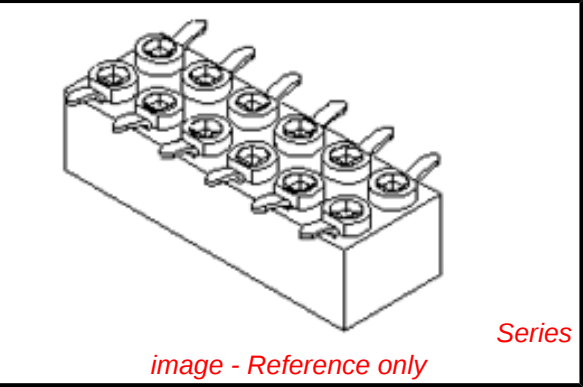
0872630623

Status:

Active

Description:

2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount, Bottom Entry, 0.38μm (15μ") Gold (Au) Selective, 6 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)	6
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

E

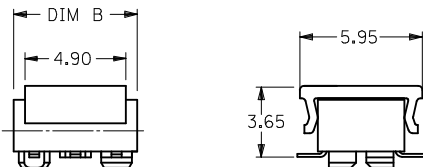
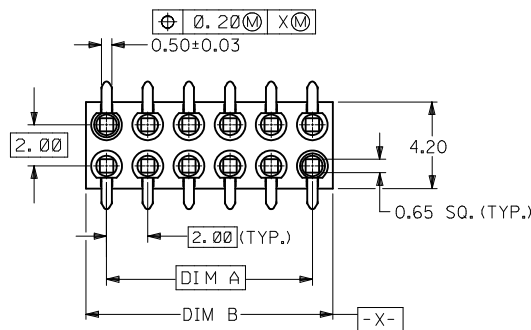
D

C

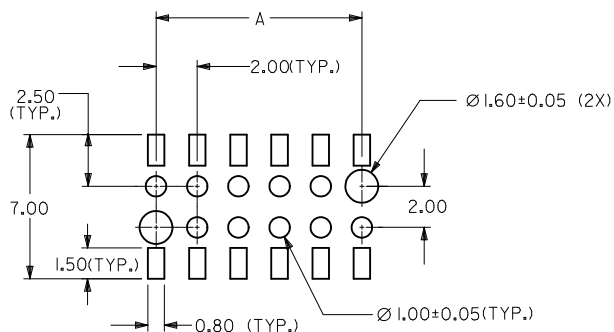
B

A

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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)

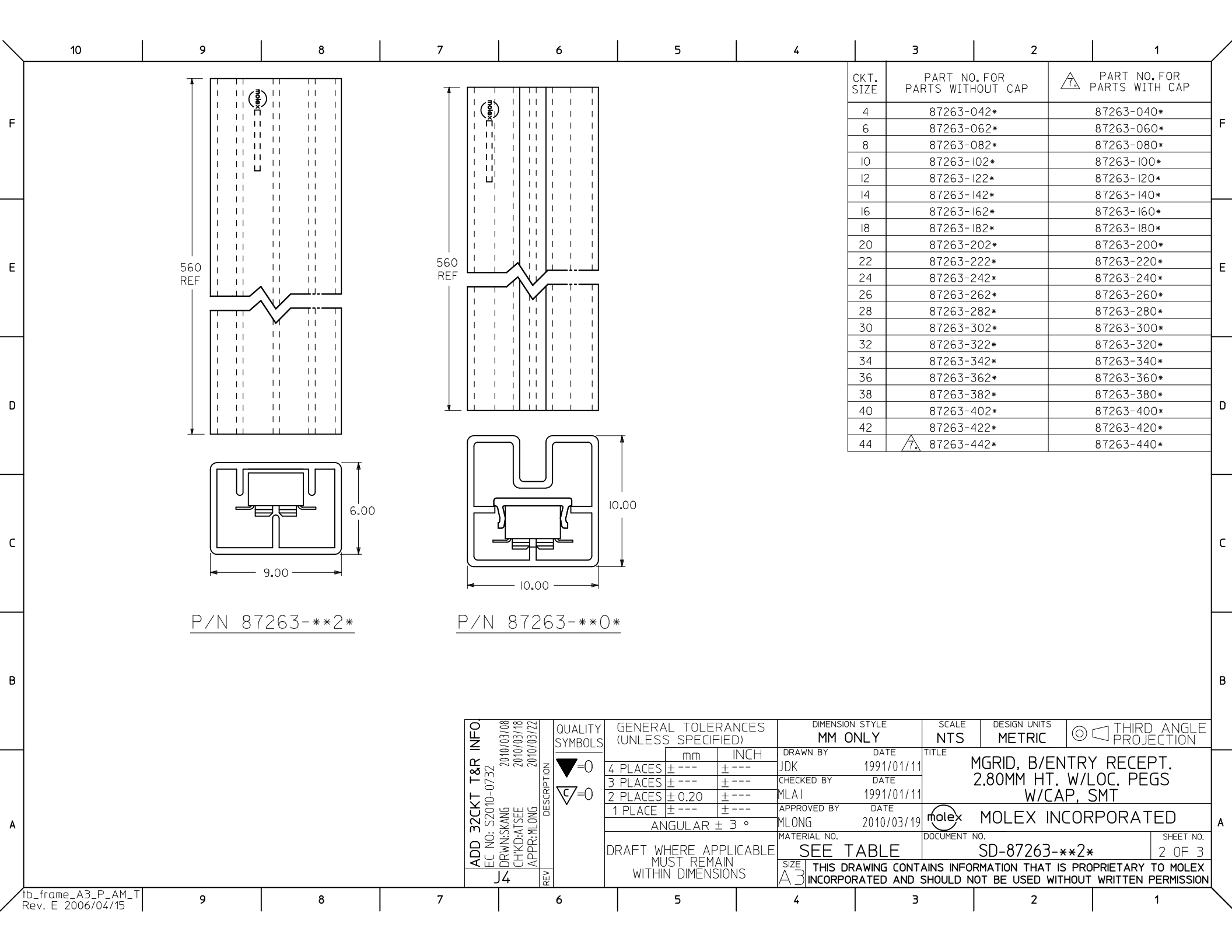
CKT. SIZE	DIM. A	DIM. B
4	2.00	4.00
6	4.00	6.00
8	6.00	8.00
10	8.00	10.00
12	10.00	12.00
14	12.00	14.00
16	14.00	16.00
18	16.00	18.00
20	18.00	20.00
22	20.00	22.00
24	22.00	24.00
26	24.00	26.00
28	26.00	28.00
30	28.00	30.00
32	30.00	32.00
34	32.00	34.00
36	34.00	36.00
38	36.00	38.00
40	38.00	40.00
42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

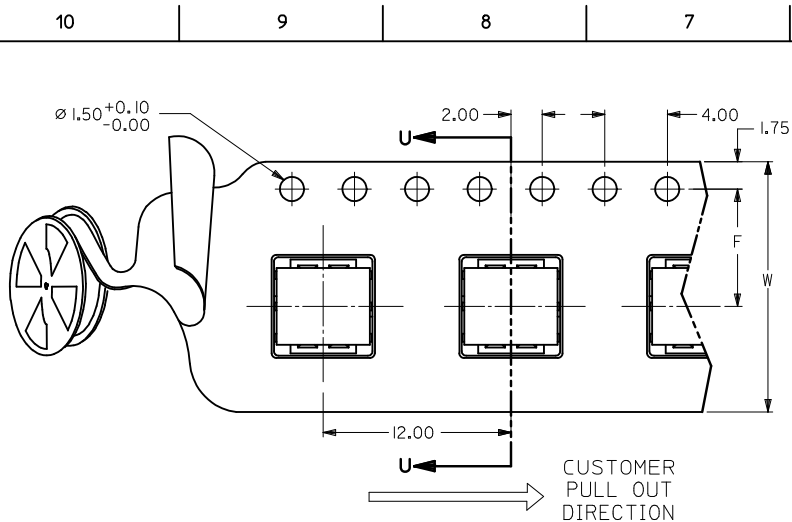
NOTES:

- 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.

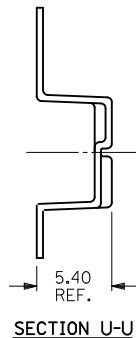
ADD 32CKT T&R INFO EC NO: S2010-0732 DRWN:SKANG 2010/03/08 CHKD:ATSEE 2010/03/18 APPR:MLONG 2010/03/22			DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
							DRAWN BY DATE		TITLE MGRID, B/ENTRY RECEPT. 2.80MM HT. W/LOC. PEGS W/CAP, SMT				
							CHECKED BY DATE						
							APPROVED BY DATE						
J4			REV		mm		INCH		MLAI		2010/01/11		
					4 PLACES ± --- ± ---		JDK		1991/01/11				
					3 PLACES ± --- ± ---		CHECKED BY		DATE				
J4			REV		2 PLACES ± 0.20 ± ---		MLAI		1991/01/11		MOLEX INCORPORATED		
					1 PLACE ± --- ± ---		APPROVED BY		DATE				
					ANGULAR ± 3 °		MLONG		2010/03/19				
J4			REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87263-***2*		SHEET NO. 1 OF 3		
							SIZE A3						

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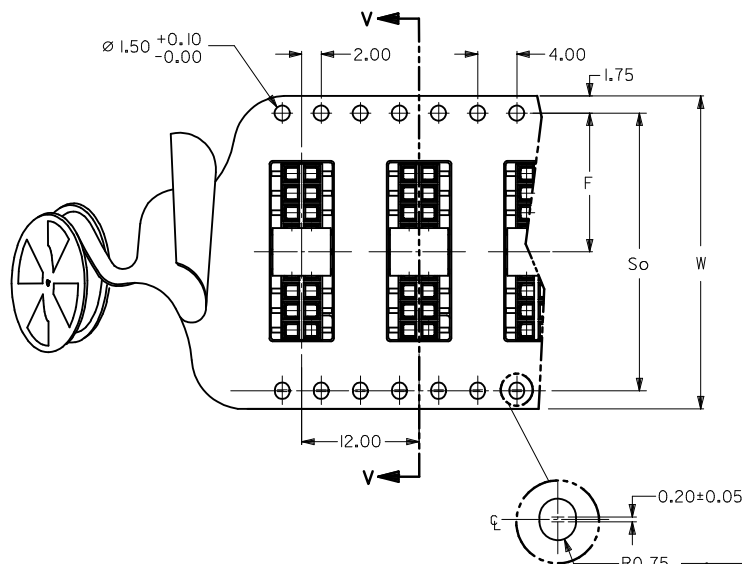




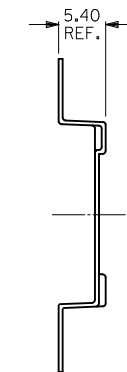
PART NO. 87263-***9* (CKTS 04 TO 14)
SINGLE SPROCKET HOLE T/REEL - TYPE A



SECTION U-U



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

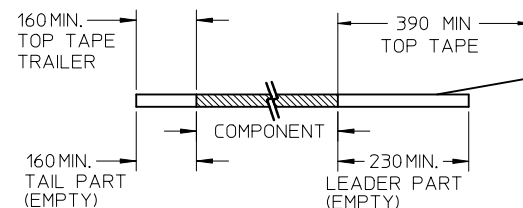


SECTION V-V

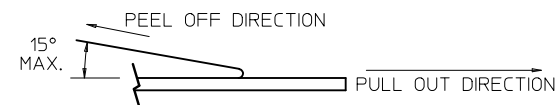
PART NO. FOR PARTS IN T/REEL	CKT. SIZE	F	So	W	T/REEL TYPE
87263-049*	4	11.5	-	24	A
87263-069*	6	11.5	-	24	
87263-089*	8	11.5	-	24	
87263-109*	10	11.5	-	24	
87263-129*	12	11.5	-	24	
87263-149*	14	11.5	-	24	
87263-169*	16	11.5	-	24	B
87263-189*	18	14.2	28.4	32	
87263-209*	20	20.2	40.4	44	
87263-229*	22	-	-	-	
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		