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Part Number:

0879112611

Status:

Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") Pitch C-Grid® Header, Right Angle, Through Hole, 26 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Tube Packaging, Lead-free

Documents:

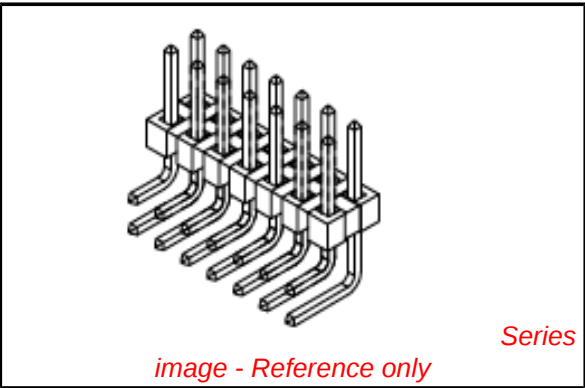
3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
UL		E29179
General		
Product Family		PCB Headers
Series		87911
Application		Board-to-Board, Wire-to-Board
Overview		cgrid_sl_products
Product Name		C-Grid®

Physical		
Breakaway		Yes
Circuits (Loaded)		26
Circuits (maximum)		26
Color - Resin		Black
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 - Metal		Copper Alloy
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Number of Rows		2
Orientation		Right Angle
PC Tail Length (in)		0.125 In
PC Tail Length (mm)		3.18 mm
PCB Locator		No
PCB Retention		None
PCB Thickness Recommended (in)		0.062 In
PCB Thickness Recommended (mm)		1.60 mm
Packaging Type		Tube
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
Polarized to Mating Part		No
Polarized to PCB		No
Shrouded		No
Stackable		No
Surface Mount Compatible (SMC)		Yes
Temperature Range - Operating		-55°C to +105°C



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

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

87911Series

Mates With

7859 Shunts. C-Grid® PCB Receptacles like 71850. SL™ IDT Housing like 70450

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3A
Voltage - Maximum	250V
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SD-87911-027

This document was generated on 05/25/2010

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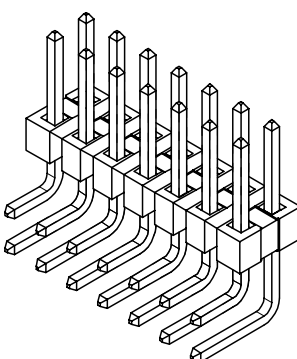
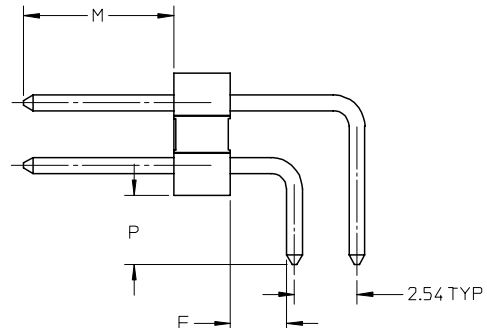
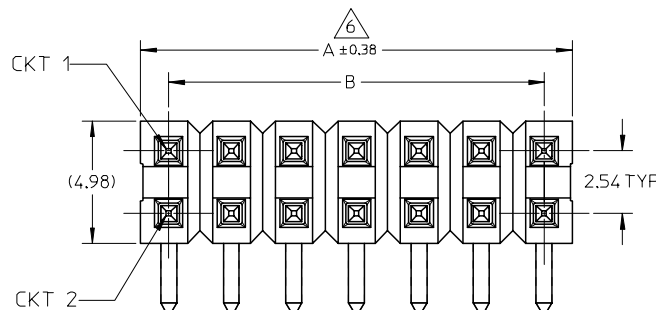
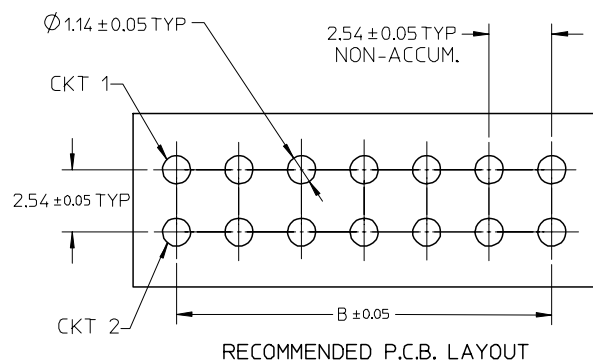
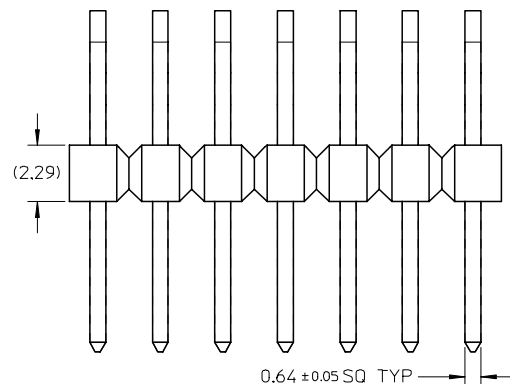
E

D

C

B

A



NOTE:

1. MATERIAL:

HOUSING: - LCP, GLASS FILLED, UL94V-0
COLOR: BLACK
TERMINAL: - COPPER ALLOY, 0.64MM SQ

2. PLATING TYPE:

- 1) 15µin MIN. GOLD PLATE ON CONTACT AND 75µin MIN. TIN ON SOLDER TAIL OVER 50µin MIN. NICKEL OVERALL.
- 2) 30µin MIN. GOLD PLATE ON CONTACT AND 75µin MIN. TIN ON SOLDER TAIL OVER 50µin MIN. NICKEL OVERALL.
- 3) 100µin MIN. TIN OVERALL. 50µin MIN. NICKEL OVERALL.

3. THE ABOVE 14 CKT SHOWN IS FOR ILLUSTRATION ONLY..

4. PIN PUSHOUT FORCE: 1KG MIN. IN EITHER DIRECTION

5. PART TO BE PACKED IN TUBE.

6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE

7. RECOMMENDED PCB THICKNESS = 1.60 ± 0.10mm

8. PRODUCT SPECIFICATION: PS-87920-019

9. PACKAGING SPECIFICATION: PK-89990-519

REVISED		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: S2007-0544		▼=0		4 PLACES ± --- ± ---		DRAWN BY DATE		TITLE		CUSTOM HEADER C-GRID DUAL ROW HEADER RIGHT ANGLE THROUGH HOLE			
2006/12/13		▽=0		3 PLACES ± --- ± ---		YLQIAO 2005/01/17		2005/01/17					
DRWN:SKLIM01				2 PLACES ± 0.2 ± ---		CHECKED BY DATE		PTLIM 2005/01/25					
2006/12/19				1 PLACE ± --- ± ---		APPROVED BY DATE		MOLEX MOLEX INCORPORATED					
CHKD:CWLAM				ANGULAR ± 3 °		SCLOW 2005/01/25		DOCUMENT NO.		SD-87911-027		SHEET NO.	
APPR:KWLEE				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE				1 OF 4	
REV B		DESCRIPTION				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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87911-5812	58	-----	2	73.66	71.12	6.10	3.18	2.27																																																																																																																																																																																																																																																																													
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PART NO.	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION				
				A	B	M	P	E
87911-7411	74	-----	1	93.98	91.44	6.10	3.18	2.27
87911-7412	74	-----	2	93.98	91.44	6.10	3.18	2.27
87911-7413	74	-----	3	93.98	91.44	6.10	3.18	2.27
87911-7611	76	-----	1	96.52	93.98	6.10	3.18	2.27
87911-7612	76	-----	2	96.52	93.98	6.10	3.18	2.27
87911-7613	76	-----	3	96.52	93.98	6.10	3.18	2.27
87911-7811	78	-----	1	99.06	96.52	6.10	3.18	2.27
87911-7812	78	-----	2	99.06	96.52	6.10	3.18	2.27
87911-7813	78	-----	3	99.06	96.52	6.10	3.18	2.27
87911-8011	80	-----	1	101.60	99.06	6.10	3.18	2.27
87911-8012	80	-----	2	101.60	99.06	6.10	3.18	2.27
87911-8013	80	-----	3	101.60	99.06	6.10	3.18	2.27

tb_frame_A3_P_AM_T
Rev. E 2006/04/15