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Part Number:

0901512114

Status:

Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") Pitch C-Grid III™ PC Board Connector, Dual Row, Vertical, 14 Circuits

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Receptacles

90151

Board-to-Board

cgrid_sl_products

C-Grid III™

Physical

Circuits (Loaded)

Color - Resin

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

14

Black

No

No

None

No

Phosphor Bronze

Tin

Tin

Polyester

2

Vertical

0.114 In

2.90 mm

No

None

0.062 In

1.60 mm

Tube

0.100 In

2.54 mm

40

1.00

40

1.00

No

-55°C to +125°C

Through Hole

Electrical

Current - Maximum per Contact

Grounding to PCB

Voltage - Maximum

3A

No

350V

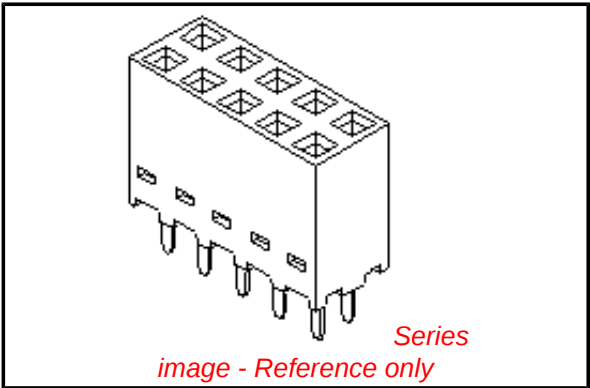
Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

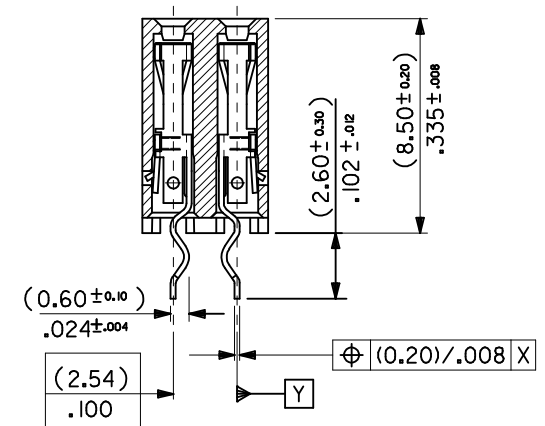
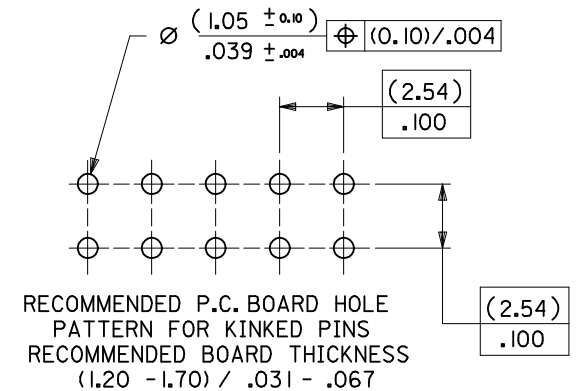
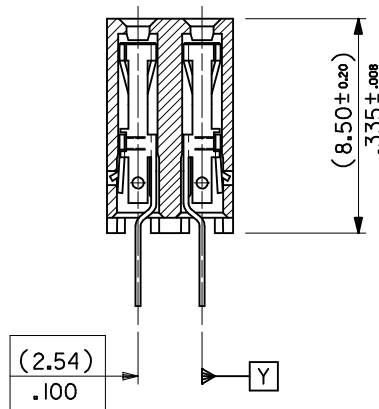
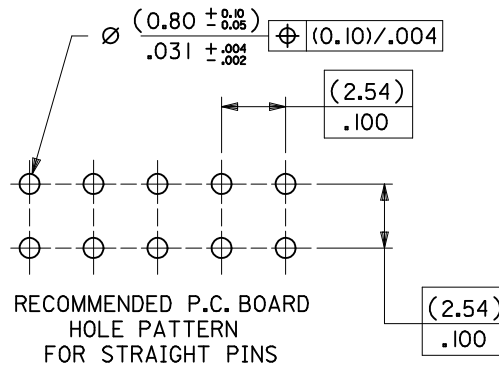
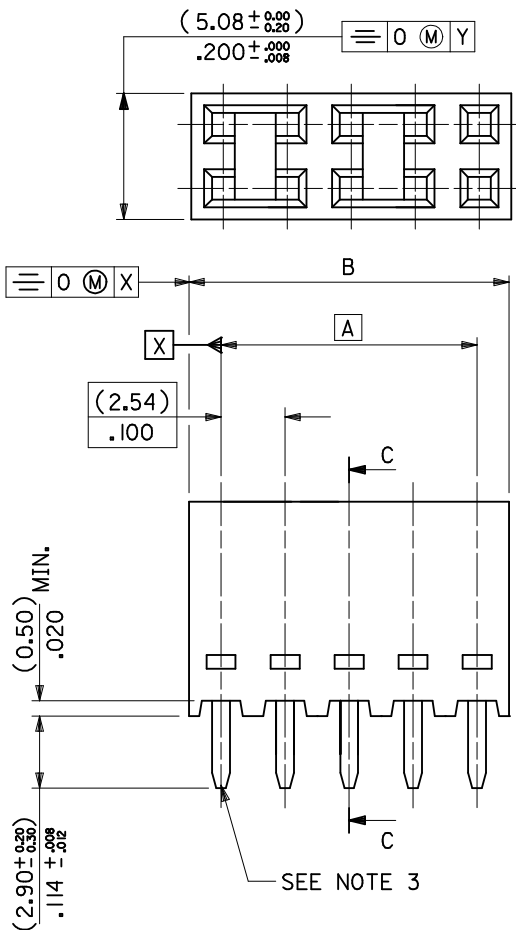
90151Series

Mates With

0.64mm (.025") square pins

This document was generated on 05/24/2010

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NOTES

- 1) CONTACT-PLATED PHOSPHOR BRONZE.
- 2) HOUSING-15% GLASS FILLED POLYESTER. COLOUR-BLACK.
- 3) COMPATIBLE WITH PCB HOLE PATTERN.
- 4) FOR (0.635)/.025 SQ. MALE PINS THE LENGTH MUST BE (5.65)/.222 MIN & (7.00)/.276 MAX. TO ENSURE GOOD CONNECTION WITH CONTACT.

ADD INSET FOR GATE EC NO: E2009-0250 DRWN:BMAGUIRE CHKD: APPR:BMAGUIRE AH		2008/12/08 2008/12/08 2008/12/08 2008/12/08	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
					4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY DB	DATE 21/07/86	TITLE C-GRID III DUAL ROW VERTICAL P.C. BOARD CONNECTOR				
						± ---	± ---	CHECKED BY	DATE					
						± ---	± ---	APPROVED BY		DATE	MOLEX INCORPORATED			
						± 0.05	± ---							
± 0.10	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-90151		1 OF 5								
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

