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Part Number: 74162-1240

Status: Active

Overview: C-Grid® Products

Description: 2.54mm Pitch C-Grid® Receptacle, Right Angle, Through Hole, Dual Row, Shrouded,

Version B, High-Temperature, 40 Circuits, 0.40µm Gold (Au)

Documents:

<u>3D Model</u> <u>Product Specification PS-74162-001 (PDF)</u>
<u>Drawing (PDF)</u> <u>RoHS Certificate of Compliance (PDF)</u>

Agency Certification

UL E29179

General

Product Family PCB Receptacles

Series <u>74162</u>

Application Board-to-Board, Signal

Overview <u>C-Grid® Products</u>

Product Name C-Grid®

UPC 883906880095

Physical

Circuits (Loaded) 40 40 Circuits (maximum) Color - Resin Black Durability (mating cycles max) 50 Flammability 94V-0 Glow-Wire Compliant No Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes

Material - Metal Phosphor Bronze

Material - Plating Mating Gold Material - Plating Termination Tin

Material - Resin High Performance Thermoplastic

Net Weight 8.486/g Number of Rows 2

Orientation Right Angle

PCB Locator No **PCB** Retention None PCB Thickness - Recommended 3.18mm Packaging Type Tube Pitch - Mating Interface 2.54mm Pitch - Termination Interface 2.54mm Plating min - Mating 0.381µm Polarized to Mating Part No Polarized to PCB No Robotic Placement None Stackable No Surface Mount Compatible (SMC) No

Temperature Range - Operating -40°C to +105°C Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2.5A
Grounding to PCB No

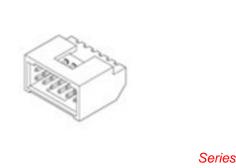


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, <u>click here</u>

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

<u>74162</u>Series

Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5

Lead-free Process Capability Wave Capable (TH only)

Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Product Specification PS-74162-001
Sales Drawing SD-74162-001

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