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Part Number: 0741620454

Status: Active

Overview: C-Grid® Products

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

Version A, High-Temperature, 54 Circuits, 0.80µm 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 C-Grid® Products

Product Name C-Grid®

UPC 883906879686

Physical

Circuits (Loaded) 54 Circuits (maximum) 54 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 10.686/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 0.762µm Polarized to Mating Part No

Polarized to Mating Part

Polarized to PCB

Robotic Placement

Stackable

No

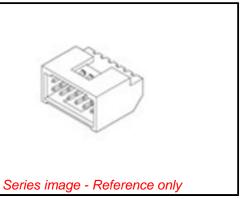
Surface Mount Compatible (SMC)

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
Voltage - Maximum 250V



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant REACH SVHC Not Contained Per -ED/79/2015 (17 December 2015) Halogen-Free Status

Low-Halogen

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
Please visit the <u>Contact Us</u> section for any non-product compliance questions.

China ROHS Green Image ELV Not Relevant

Search Parts in this Series

74162 Series

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

Max. Cycles at Max. Process Temperature

O01

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

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

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