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Part Number: 0741621220

Status: Active

Overview: C-Grid® Products

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

Version B, High-Temperature, 20 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 C-Grid® Products

Product Name C-Grid®

UPC 883906880002

**Physical** 

Orientation

Circuits (Loaded) 20 Circuits (maximum) 20 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

Right Angle

No

No

Net Weight 4.736/g Number of Rows 2

**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

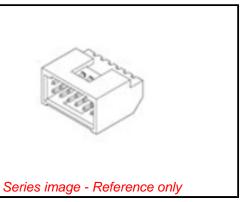
Temperature Range - Operating -40°C to +105°C Termination Interface: Style Through Hole

**Electrical** 

Stackable

Surface Mount Compatible (SMC)

Current - Maximum per Contact 2.5A
Grounding to PCB No
Voltage - Maximum 250V



**EU ELV Not Relevant** 

EU RoHS China RoHS

Compliant REACH SVHC Contains SVHC(2014 December 17): No Halogen-Free

<u>Status</u>

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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