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Part Number: **0741621228**
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Receptacle, Right Angle, Through Hole, Dual Row, Shrouded, Version B, High-Temperature, 28 Circuits, 0.40µm Gold (Au)

Documents:

[3D Model](#) [Product Specification TS-70541-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-74162-001-001 \(PDF\)](#)

Agency Certification

UL E29179

General

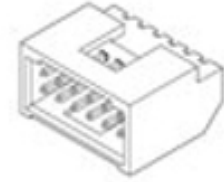
Product Family PCB Receptacles
Series [74162](#)
Application Board-to-Board, Signal
Overview [C-Grid® Products](#)
Product Name C-Grid®
UPC 883906880040

Physical

Circuits (Loaded) 28
Circuits (maximum) 28
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 6.236/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[74162 Series](#)

Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005

Lead-free Process Capability WAVE

Max. Cycles at Max. Process Temperature 001

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Product Specification PS-74162-001-001, TS-70541-001-001

Sales Drawing SD-74162-001

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