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Part Number:

0741621236

Status:

Active

Overview:

C-Grid® Products

Description:

2.54mm Pitch C-Grid® Receptacle, Right Angle, Through Hole, Dual Row, Shrouded, Version B, High-Temperature, 36 Circuits, 0.40µm Gold (Au)

Documents:

3D Model

Product Specification PS-74162-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (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

883906880088

Physical

Circuits (Loaded)

36

Circuits (maximum)

36

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

7.736/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

Voltage - Maximum

250V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014
December 17): No

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

Green Image

Not Relevant

Search Parts in this Series

74162 Series

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

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

This document was generated on 06/26/2015

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