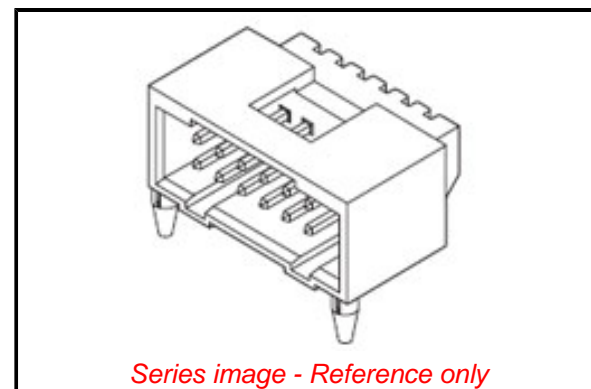


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Part Number: [0741640012](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Receptacle, Right-Angle, Through Hole, Dual Row, Shrouded with Pegs, Version A, High-Temperature, 12 Circuits, 0.40µm Gold (Au)

Documents:

| | |
|--|--|
| 3D Model | Application Specification 713080001-AS-000 (PDF) |
| Drawing (PDF) | Packaging Specification PK-74163-9000-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-74164-001-001 (PDF) | |



Series image - Reference only

Agency Certification

UL E29179

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 74164 |
| Application | Board-to-Board, Signal |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 883906878467 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Glow-Wire Capable | 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 | 3.439/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| 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° to +105°C |
| Termination Interface: Style | Through Hole |

Electrical

Current - Maximum per Contact 2.5A

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[74164 Series](#)

| | |
|-------------------|------|
| Grounding to PCB | No |
| 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**

| | |
|---------------------------|-------------------|
| Application Specification | 713080001-AS-000 |
| Packaging Specification | PK-74163-9000-001 |
| Product Specification | PS-74164-001-001 |
| Sales Drawing | SD-74164-001 |

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