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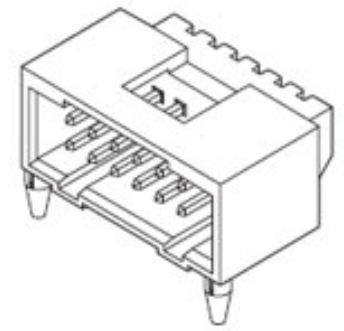
**Part Number:** 0741640114

**Status:** Active

**Overview:** C-Grid Connector Products

**Description:** 2.54mm Pitch C-Grid Receptacle, Right-Angle, Through Hole, Dual Row, Shrouded with Pegs High-Temperature, 14 Circuits, Tin (Sn)



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification PS-74164-001-001 (PDF)
- Application Specification 713080001-AS-000 (PDF)
- Packaging Specification PK-70873-0019-001 (PDF)
- Packaging Specification PK-74163-9000-001 (PDF)
- RoHS Certificate of Compliance (PDF)

**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 | 883906878849 |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| 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 | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Performance Thermoplastic |
| Net Weight | 3.828/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | None |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| 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 |
| Grounding to PCB | No |
| Voltage - Maximum | 250V |

**EU ELV**
**Not Relevant**

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per - D(2021)4569-DC (8 July 2021)

**Halogen-Free Status**
**Low-Halogen**

For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
74164 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**

| | |
|---|---|
| Application Specification | 713080001-AS-000 |
| Packaging Specification | PK-70873-0019-001, PK-74163-9000-001 |
| Product Specification | PS-74164-001-001 |
| Sales Drawing | SD-74164-001-001 |

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