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Part Number:

0015477548

Status:

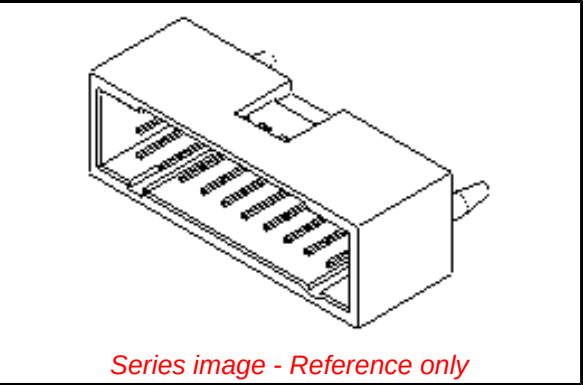
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, High Temperature, Shrouded, with Peg, 48 Circuits, Tin (Sn) Plating



Documents:

3D Model

Drawing (PDF)

Product Specification PS-70567-001 (PDF)

Packaging Specification PK-70873-0018 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| CSA                            | LR19980                        |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | PCB Headers                    |
| Series                         | 70568                          |
| Application                    | Signal, Wire-to-Board          |
| Overview                       | C-Grid Connector Products      |
| Product Name                   | C-Grid                         |
| UPC                            | 800754627528                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 48                             |
| Circuits (maximum)             | 48                             |
| Color - Resin                  | Black                          |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Brass, Phosphor Bronze         |
| Material - Plating Mating      | Tin-Lead                       |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 8.465/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.30mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 2.40mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.54mm                         |
| Pitch - Termination Interface  | 2.54mm                         |
| Plating min - Mating           | 3.810µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -55° to +105°C                 |
| Termination Interface: Style   | Through Hole                   |
| Electrical                     |                                |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per -

ED/61/2018 (27 June

2018)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

70568 Series

|                                                |                |
|------------------------------------------------|----------------|
| Current - Maximum per Contact                  | 2.5A           |
| Voltage - Maximum                              | 250V           |
| <b>Solder Process Data</b>                     |                |
| Duration at Max. Process Temperature (seconds) | 005            |
| Lead-freeProcess Capability                    | SMC&WAVE       |
| Max. Cycles at Max. Process Temperature        | 001            |
| Process Temperature max. C                     | 245            |
| <b>Material Info</b>                           |                |
| Engineering Number                             | A-70568-0022   |
| <b>Reference - Drawing Numbers</b>             |                |
| Packaging Specification                        | PK-70873-0018  |
| Product Specification                          | PS-70567-001   |
| Sales Drawing                                  | SDA-70568-**** |

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