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Part Number:

0015477528

Status:

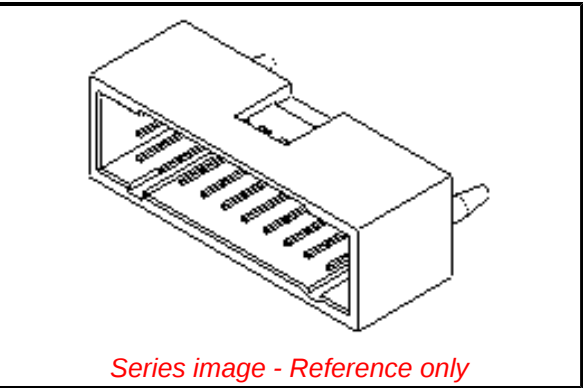
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, High Temperature, Shrouded, with Peg, 28 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                          |
| 3D Viewer                      | Yes                            |
| Application                    | Signal, Wire-to-Board          |
| CURRENT-MAX-NUMERIC            | 2.5                            |
| Overview                       | C-Grid Connector Products      |
| PITCH-MATING-NUMERIC           | 2.54                           |
| Product Name                   | C-Grid                         |
| UPC                            | 800755021035                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 28                             |
| Circuits (maximum)             | 28                             |
| 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                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 5.467/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                        |
| Plating min - Termination      | 3.810µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

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

70568 Series

|                                                |                    |
|------------------------------------------------|--------------------|
| Surface Mount Compatible (SMC)                 | No                 |
| Temperature Range - Operating                  | -55° to +105°C     |
| Termination Interface: Style                   | Through Hole       |
| <b>Electrical</b>                              |                    |
| 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-70568-0012       |
| <b>Reference - Drawing Numbers</b>             |                    |
| Packaging Specification                        | PK-70873-0018      |
| Product Specification                          | PS-70567-001       |
| Sales Drawing                                  | SDA-70568-XXXX-001 |

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