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Part Number:

0015800105

Status:

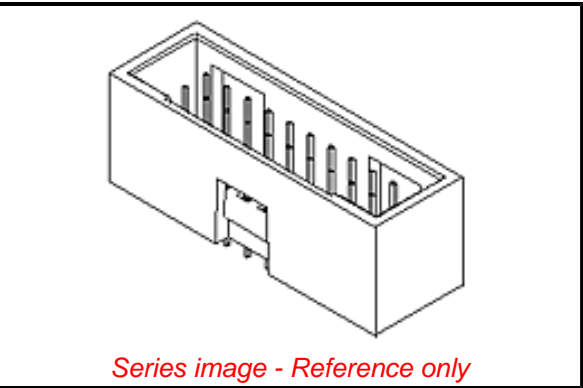
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 10 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating



| | |
|--|--|
| Documents: | |
| 3D Model | Product Specification TS-70541-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-0018 (PDF) |
| Product Specification PS-70567-001 (PDF) | RoHS Certificate of Compliance (PDF) |

| | |
|--------------------------------|--------------------------------|
| Agency Certification | |
| UL | E29179 |
| General | |
| Product Family | PCB Headers |
| Series | 70567 |
| Application | Signal, Wire-to-Board |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 800755030402 |
| Physical | |
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 1.903/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 | 0.762µm |
| Plating min - Termination | 1.905µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface: Style | Through Hole |

| | |
|---|---------------|
| EU ELV | |
| Not Relevant | |
| EU RoHS | China RoHS |
| Compliant | |
| REACH SVHC | |
| Not Contained Per - ED/61/2018 (27 June 2018) | |
| 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 | Green Image |
| ELV | Not Relevant |
| Prop65 | Compliant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

70567 Series

Mates With

SL Crimp Housing 70450 , C-Grid PCB Receptacle 71395

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum | 250V |

Solder Process Data

| | |
|--|----------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-freeProcess Capability | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 245 |

Material Info

| | |
|--------------------|------------|
| Engineering Number | 70567-0139 |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|-------------------------|--------------------------------|
| Packaging Specification | PK-70873-0018 |
| Product Specification | PS-70567-001, TS-70541-001-001 |
| Sales Drawing | SDA-70567-**** |

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