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Part Number:

0015446840

Status:

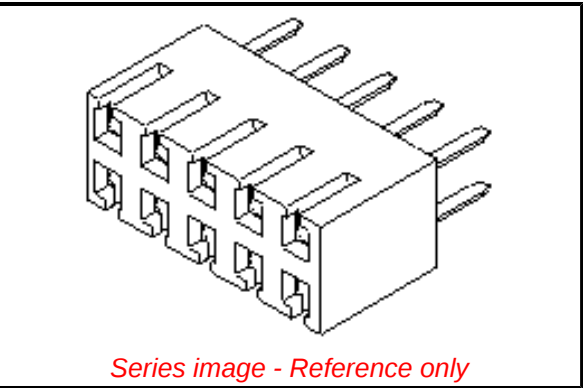
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 40 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-70181-001 (PDF)

Product Specification TS-70541-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| CSA                            | LR19980                        |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | PCB Receptacles                |
| Series                         | 71850                          |
| Application                    | Board-to-Board, Signal         |
| Overview                       | C-Grid Connector Products      |
| Product Name                   | C-Grid                         |
| UPC                            | 800754203326                   |
| Physical                       |                                |
| Circuits (Loaded)              | 40                             |
| Circuits (maximum)             | 40                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 3.318/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.05mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.57mm                         |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 2.54mm                         |
| Plating min - Mating           | 3.810µm                        |
| Plating min - Termination      | 3.810µm                        |
| Polarized to PCB               | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Through Hole                   |
| Electrical                     |                                |
| Current - Maximum per Contact  | 2.5A                           |
| Voltage - Maximum              | 250V                           |
| Solder Process Data            |                                |
| Lead-freeProcess Capability    | SMC&WAVE                       |
| Process Temperature max. C     | 260                            |
| Material Info                  |                                |

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

71850 Series

Mates With

8624 , 70203 , 70246 Straight Header, 70247 Right Angle Header, 70287 , 70289 , 70227 , 70567 , 70280 , 70524 , 70260 , 8723 , 70568 , 8724 , 71764 , 70229 , 70216, 71308

Engineering Number 71850-0083

**Reference - Drawing Numbers**

Product Specification PS-70181-001, TS-70541-001-001  
Sales Drawing SDA-71850-0\*\*\*

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