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Part Number:

0015445830

Status:

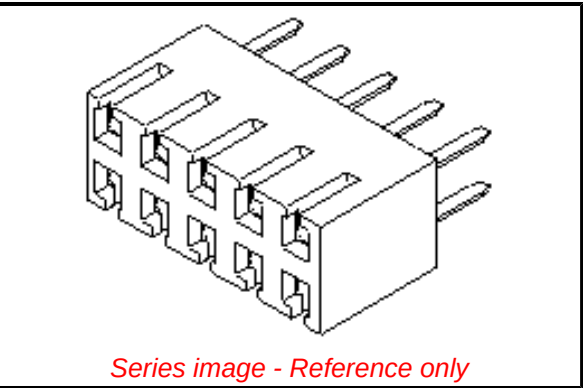
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 30 Circuits



Series image - Reference only

|                                |                                                                  |
|--------------------------------|------------------------------------------------------------------|
| Documents:                     |                                                                  |
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-70181-001 (PDF)</a>         |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Application Specification 713080001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                |
|--------------------------------|--------------------------------|
| 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                            | 800753995208                   |
| Physical                       |                                |
| Circuits (Loaded)              | 30                             |
| Circuits (maximum)             | 30                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 50                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 8.814/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           | 0.381µm                        |
| Plating min - Termination      | 1.905µm                        |
| 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                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ECHA_01_2020 (16 January 2020             |               |
| Halogen-Free Status                                           |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

71850 Series

Mates With

C-Grid Breakaway Vertical Header [70287](#) , [71308](#) , [70280](#) <br> C-Grid Breakaway Right-Angle Header [71764](#) , [70216](#) <br> C-Grid Vertical Headers [70246](#) , [70567](#) , [70568](#) <br> C-Grid Right-Angle Headers [70247](#) , [70229](#) , [74162](#)

|                                    |                  |
|------------------------------------|------------------|
| Engineering Number                 | 71850-0142       |
| <b>Reference - Drawing Numbers</b> |                  |
| Application Specification          | 713080001-AS-000 |
| Product Specification              | PS-70181-001     |
| Sales Drawing                      | SDA-71850-0XXX   |

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