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Part Number:

0010883202

Status:

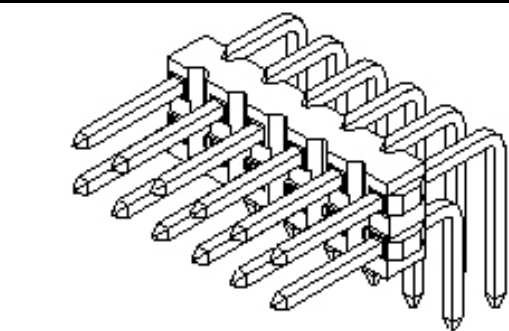
Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid Breakaway Header, High Profile, Dual Row, Right Angle, 20 Circuits, 8.13mm Mating Pin Length, Tin (Sn) Plating



Series image - Reference only

Documents:

Drawing (PDF)

Product Specification PS-70216-001 (PDF)

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

Packaging Specification PK-70873-0353-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                      |  |                                       |
|----------------------|--|---------------------------------------|
| Agency Certification |  |                                       |
| CSA                  |  | LR19980                               |
| UL                   |  | E29179                                |
| General              |  |                                       |
| Product Family       |  | PCB Headers                           |
| Series               |  | 70216                                 |
| Application          |  | Board-to-Board, Signal, Wire-to-Board |
| Overview             |  | C-Grid Connector Products             |
| Product Name         |  | C-Grid                                |
| UPC                  |  | 800753971738                          |

|                                |  |                        |
|--------------------------------|--|------------------------|
| Physical                       |  |                        |
| Breakaway                      |  | Yes                    |
| Circuits (Loaded)              |  | 20                     |
| Circuits (maximum)             |  | 20                     |
| Color - Resin                  |  | Black                  |
| Durability (mating cycles max) |  | 25                     |
| Flammability                   |  | 94V-0                  |
| Glow-Wire Capable              |  | No                     |
| Lock to Mating Part            |  | None                   |
| Material - Metal               |  | Brass, Phosphor Bronze |
| Material - Plating Mating      |  | Tin                    |
| Material - Plating Termination |  | Tin                    |
| Material - Resin               |  | Polyester              |
| Net Weight                     |  | 1.792/g                |
| Number of Rows                 |  | 2                      |
| Orientation                    |  | Right Angle            |
| PC Tail Length                 |  | 2.79mm                 |
| PCB Locator                    |  | No                     |
| PCB Retention                  |  | None                   |
| Packaging Type                 |  | Tube                   |
| Pitch - Mating Interface       |  | 2.54mm                 |
| Plating min - Mating           |  | 3.810µm                |
| Plating min - Termination      |  | 3.810µm                |
| Polarized to Mating Part       |  | No                     |
| Polarized to PCB               |  | No                     |
| Shrouded                       |  | No                     |
| Stackable                      |  | Yes                    |
| Temperature Range - Operating  |  | -40° to +105°C         |
| Termination Interface: Style   |  | Through Hole           |

|                               |  |      |
|-------------------------------|--|------|
| Electrical                    |  |      |
| Current - Maximum per Contact |  | 3.0A |
| Voltage - Maximum             |  | 250V |

Solder Process Data

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/61/2018 (27 June 2018)                 |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not 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

70216 Series

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 235  |

**Material Info**

|                    |            |
|--------------------|------------|
| Engineering Number | 70216-0126 |
|--------------------|------------|

**Reference - Drawing Numbers**

|                         |                                |
|-------------------------|--------------------------------|
| Packaging Specification | PK-70873-0353-001              |
| Product Specification   | PS-70216-001, TS-70541-001-001 |
| Sales Drawing           | SD-70216-001, SD-70216-001-002 |

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