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Part Number:

0791077053

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Receptacle, Vertical, Through Hole, Dual Row, 3.00mm Tail Length, 0.76µm Gold (Au) Selective Plating, 8 Circuits, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-79107-001 (PDF)

Packaging Specification PK-70873-0180-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                                |                                |
|------------------------------------------------|--------------------------------|
| General                                        |                                |
| Product Family                                 | PCB Receptacles                |
| Series                                         | 79107                          |
| Application                                    | Board-to-Board, Signal         |
| Overview                                       | Milli-Grid Connector System    |
| Product Name                                   | Milli-Grid                     |
| UPC                                            | 822348474721                   |
| Physical                                       |                                |
| Circuits (Loaded)                              | 8                              |
| Circuits (maximum)                             | 8                              |
| Color - Resin                                  | Black                          |
| Durability (mating cycles max)                 | 50                             |
| Glow-Wire Capable                              | No                             |
| Lock to Mating Part                            | None                           |
| Material - Metal                               | Phosphor Bronze                |
| Material - Plating Mating                      | Gold                           |
| Material - Plating Termination                 | Tin                            |
| Material - Resin                               | High Temperature Thermoplastic |
| Net Weight                                     | 0.235/g                        |
| Number of Rows                                 | 2                              |
| Orientation                                    | Vertical                       |
| PC Tail Length                                 | 3.00mm                         |
| PCB Locator                                    | No                             |
| PCB Retention                                  | None                           |
| PCB Thickness - Recommended                    | 1.60mm                         |
| Packaging Type                                 | Tube                           |
| Pitch - Mating Interface                       | 2.00mm                         |
| Pitch - Termination Interface                  | 2.00mm                         |
| Plating min - Mating                           | 0.762µm                        |
| Plating min - Termination                      | 1.905µm                        |
| Polarized to Mating Part                       | No                             |
| Polarized to PCB                               | No                             |
| Surface Mount Compatible (SMC)                 | Yes                            |
| Temperature Range - Operating                  | -55° to +105°C                 |
| Termination Interface: Style                   | Through Hole                   |
| Electrical                                     |                                |
| Current - Maximum per Contact                  | 1.0A                           |
| Voltage - Maximum                              | 125V                           |
| Solder Process Data                            |                                |
| Duration at Max. Process Temperature (seconds) | 010                            |
| Lead-freeProcess Capability                    | WAVE                           |
| Max. Cycles at Max. Process Temperature        | 001                            |
| Process Temperature max. C                     | 260                            |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/88/2018 (15 January 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Relevant

Search Parts in this Series

79107 Series

Mates With

Milli-Grid Header [87758](#) , [87759](#) , [87760](#) , [87831](#) , [87832](#) <br> Milli-Grid Low-Halogen Header [151117](#) , [151118](#) , [151119](#) , [151120](#)

**Material Info**

**Reference - Drawing Numbers**

|                         |                                    |
|-------------------------|------------------------------------|
| Packaging Specification | PK-70873-0180-001                  |
| Product Specification   | PS-79107-001                       |
| Sales Drawing           | SDA-79107-++++-001, SDA-79107-XXXX |

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