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Part Number:

0791091004

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, without Press-fit Plastic Pegs, without Cap, Tube, 0.38µm Gold (Au) Selective, 10 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-79107-001 (PDF)

Product Specification TS-79109-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                                |  |                                |
|------------------------------------------------|--|--------------------------------|
| Agency Certification                           |  |                                |
| CSA                                            |  | LR19980                        |
| UL                                             |  | E29179                         |
| General                                        |  |                                |
| Product Family                                 |  | PCB Receptacles                |
| Series                                         |  | 79109                          |
| Application                                    |  | Board-to-Board, Signal         |
| Overview                                       |  | Milli-Grid Connector System    |
| Product Name                                   |  | Milli-Grid                     |
| UPC                                            |  | 822348490240                   |
| Physical                                       |  |                                |
| Circuits (Loaded)                              |  | 10                             |
| Circuits (maximum)                             |  | 10                             |
| Color - Resin                                  |  | Black                          |
| Durability (mating cycles max)                 |  | 50                             |
| Flammability                                   |  | 94V-0                          |
| 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                                     |  | 0.273/g                        |
| Number of Rows                                 |  | 2                              |
| Orientation                                    |  | Vertical                       |
| PCB Locator                                    |  | No                             |
| PCB Retention                                  |  | None                           |
| Packaging Type                                 |  | Tube                           |
| Pitch - Mating Interface                       |  | 2.00mm                         |
| Plating min - Mating                           |  | 0.381µm                        |
| Plating min - Termination                      |  | 1.905µm                        |
| Polarized to PCB                               |  | No                             |
| Temperature Range - Operating                  |  | -55° to +105°C                 |
| Termination Interface: Style                   |  | Surface Mount                  |
| Electrical                                     |  |                                |
| Current - Maximum per Contact                  |  | 1.0A                           |
| Voltage - Maximum                              |  | 125V                           |
| Solder Process Data                            |  |                                |
| Duration at Max. Process Temperature (seconds) |  | 010                            |
| Lead-freeProcess Capability                    |  | REFLOW                         |
| Max. Cycles at Max. Process Temperature        |  | 001                            |
| Process Temperature max. C                     |  | 260                            |



Series image - Reference only

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

79109 Series

Mates With

Milli-Grid Header [87833](#) , [87832](#) , [87831](#) , [87758](#) , [87759](#) , [87760](#) <br> Milli-Grid Low-Halogen Header [151117](#) , [151118](#) , [151119](#) , [151120](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-79107-001, TS-79109-001-001

SDA-79109-\*\*\*\*, SDA-79109-XXXX-001

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