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Part Number: [0791098411](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, without Press-fit Plastic Pegs, with Cap, Embossed Tape on Reel, 0.38µm Gold (Au) Selective, 24 Circuits, Lead-Free

Documents:

| | |
|----------------------------------------------------------|------------------------------------------------------------------|
| 3D Model | Application Specification 503940001-AS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-70873-0259-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-79107-001 (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 |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 822348492350 |

Physical

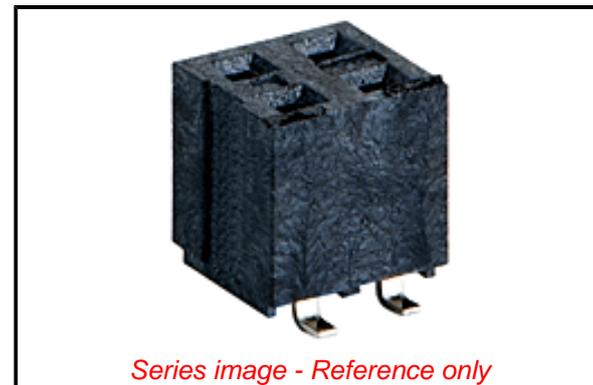
| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 24 |
| Circuits (maximum) | 24 |
| Color - Resin | Black |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.672/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| 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 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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](#)
 Milli-Grid Low-
Halogen Header [151117](#) , [151118](#) , [151119](#) ,
[151120](#)

| | |
|-----------------------------------------|-----|
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--------------------|
| Application Specification | 503940001-AS-000 |
| Packaging Specification | PK-70873-0259-001 |
| Product Specification | PS-79107-001 |
| Sales Drawing | SDA-79109-XXXX-001 |

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