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Part Number:

0791091211

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, with Press-fit Plastic Pegs, without Cap, Tube, 0.38µm Gold (Au) Selective, 24 Circuits, Lead-Free

Documents:

|                                                          |                                                                  |
|----------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model</a>                                 | <a href="#">Application Specification 503940001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                           | <a href="#">Packaging Specification PK-70873-0217-001 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Packaging Specification PK-70873-0259-001 (PDF)</a>  |
| <a href="#">Product Specification PS-79107-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

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            | 822348491377                |

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                     | 0.656/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| 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    |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | 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](#)

Process Temperature max. C

260

**Material Info**

**Reference - Drawing Numbers**

Application Specification

503940001-AS-000

Packaging Specification

PK-70873-0217-001, PK-70873-0259-001

Product Specification

PS-79107-001

Sales Drawing

SDA-79109-XXXX-001

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