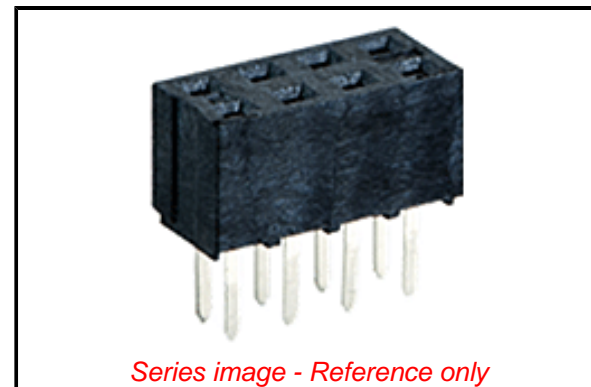


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0791077007](#)
Status: **Active**
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch Milli-Grid Receptacle, Vertical, Through Hole, Dual Row, 3.00mm Tail Length, 0.38µm Gold (Au) Selective Plating, 16 Circuits, Lead-Free

Documents:

| | |
|--|--|
| 3D Model | Application Specification 503940001-AS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-70873-0180-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-79107-001 (PDF) | |



General

| | |
|----------------|------------------------------------|
| Product Family | PCB Receptacles |
| Series | 79107 |
| Application | Board-to-Board, Signal |
| Overview | <u>Milli-Grid Connector System</u> |
| Product Name | Milli-Grid |
| UPC | 822348474523 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| 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 | 0.457/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 | 0.381µm |
| 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 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[79107 Series](#)

Mates With

Milli-Grid Header [87758](#) , [87759](#) , [87760](#) ,
[87831](#) , [87832](#)
 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-70873-0180-001 |
| Product Specification | PS-79107-001 |
| Sales Drawing | SDA-79107-++++-001, SDA-79107-XXXX-001 |

This document was generated on 09/14/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[79107-7007](#)