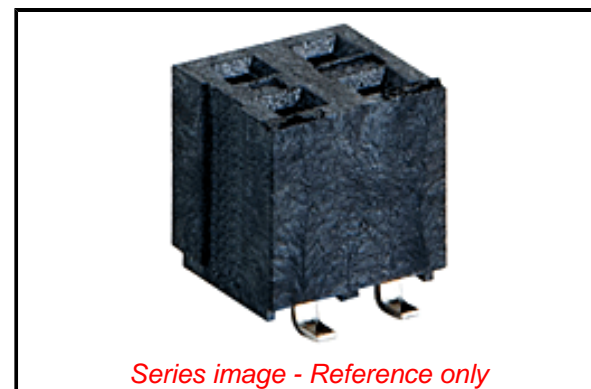


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Part Number: [0787883414](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: Milli-Grid Receptacle, Surface Mount, Vertical, Top Entry, with Plastic Pegs, without Cap, Tube, 2.50µm Tin (Sn), 34 Circuits, Lead-Free

Documents:

| | |
|--|--|
| 3D Model | Application Specification 503940001-AS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-78788-004-001 (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| Product Specification PS-78788-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |



Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 78788 |
| Application | Board-to-Board, Signal |
| Overview | Milli-Grid Connector System |
| Product Name | Milli-Grid |
| UPC | 889056469258 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 34 |
| Circuits (maximum) | 34 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | None |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.962/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | None |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.00mm |
| Plating min - Mating | 2.500µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Robotic Placement | None |
| Temperature Range - Operating | 0° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 125V AC (RMS)/DC |

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 010 |
| Lead-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

[78788](#) Series

Mates With

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

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|------------------|
| Application Specification | 503940001-AS-000 |
| Packaging Specification | PK-78788-004-001 |
| Product Specification | PS-78788-001-001 |
| Sales Drawing | SD-78788-001-001 |

This document was generated on 10/27/2020

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