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Part Number:

0787885013

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Vertical, Top Entry, with Plastic Pegs, with Cap, Tube, 2.50µm Tin (Sn), 50 Circuits, Lead-Free

Documents:

3D Model

Application Specification 503940001-AS-000 (PDF)

3D Model (PDF)

Packaging Specification PK-78788-003-001 (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

887191575322

Physical

Circuits (Loaded)

50

Circuits (maximum)

50

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

1.413/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

Pick and Place Cap

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-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

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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-78788-003-001
Product Specification	PS-78788-001-001
Sales Drawing	SD-78788-001-001

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