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Part Number:

0791091007

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, without Press-fit Plastic Pegs, without Cap, Tube, 0.38µm Gold (Au) Selective, 16 Circuits, Lead-Free

Documents:

- 3D Model

Packaging Specification PK-70873-0217-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-0259-001 (PDF)
- 3D Model (PDF)

Test Summary TS-79109-001-001 (PDF)
- Product Specification PS-79107-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 503940001-AS-000 (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

UPC

822348490271

Physical

Circuits (Loaded)

16

Circuits (maximum)

16

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

0.437/g

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

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(2020)9139-DC (19
Jan 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

79109 Series

Mates With

Milli-Grid Header [87833](#) , [87832](#) , [87831](#) ,
[87758](#) , [87759](#) , [87760](#)
 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

Test Summary

TS-79109-001-001

This document was generated on 07/27/2021

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