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Part Number:

79109-1001

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, 4 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-79107 (PDF)

Test Summary TS-79109-001 (PDF)

RoHS Certificate of Compliance (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

822348490219

Physical

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Compliant

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

0.110/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°C to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

1A

Voltage - Maximum

125V

Solder Process Data

Duration at Max. Process Temperature (seconds)

10

Lead-free Process Capability

Reflow Capable (SMT only)

Max. Cycles at Max. Process Temperature

1

Process Temperature max. C

260



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

79109Series

Mates With

87833 , 87832 , 87831 , 87758 , 87759 , 87760

Material Info

Reference - Drawing Numbers

Product Specification	PS-79107
Sales Drawing	SDA-79109-****
Test Summary	TS-79109-001

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