

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0791098609

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, with Press-fit Plastic Pegs, with Cap, Embossed Tape on Reel, 0.38µm Gold (Au) Selective, 20 Circuits, Lead-Free

Documents:

3D Model

Application Specification 503940001-AS-000 (PDF)

3D Model (PDF)

Packaging Specification PK-70873-0259-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-79107-001 (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

Taxonomy

PCB Headers and Receptacles

UPC

822348492817

Physical

Circuits (Loaded)

20

Circuits (maximum)

20

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

0.546/g

Number of Rows

2

Orientation

Vertical

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

D(2022)4187-DC (10

June 2022)

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

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	503940001-AS-000
Packaging Specification	PK-70873-0259-001
Product Specification	PS-79107-001
Sales Drawing	SDA-79109-XXXX-001

This document was generated on 09/04/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION