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Part Number: [0791091207](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, with Press-fit Plastic Pegs, without Cap, Tube, 0.38µm Gold (Au) Selective, 16 Circuits, Lead-Free

Documents:

[3D Model](#) [Product Specification TS-79109-001-001 \(PDF\)](#)
[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
UPC 822348491339

Physical

Circuits (Loaded) 16
Circuits (maximum) 16
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 0.437/g
Number of Rows 2
Orientation Vertical
PCB Locator Yes
PCB Retention Yes
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 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
Process Temperature max. C 260



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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](#)

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-79107-001, TS-79109-001-001

SDA-79109-****, SDA-79109-XXXX-001

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