

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0791091019](#)
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, 40 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 822348490394

Physical

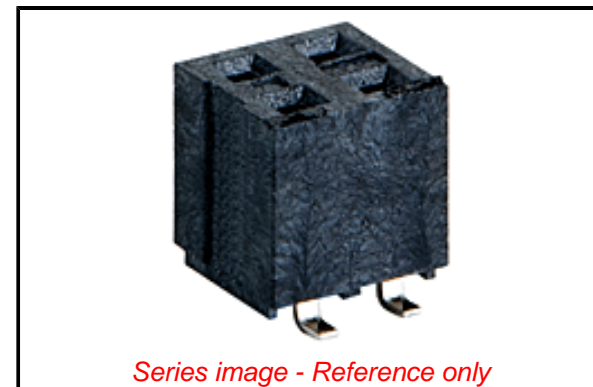
Circuits (Loaded) 40
 Circuits (maximum) 40
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.091/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-free Process 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
REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free
Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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

This document was generated on 10/09/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION