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Part Number: **0791091020**
Status: **Contact Molex**
Overview: milligrd
Description: 2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount, Vertical, Top/Bottom Entry, without Press-fit Plastic Pegs, without Cap, Tube, 0.38µm (15µ") Gold (Au) Selective, 42 Circuits, Leadfree

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 [milligrd](#)
 Product Name Milli-Grid™

Physical

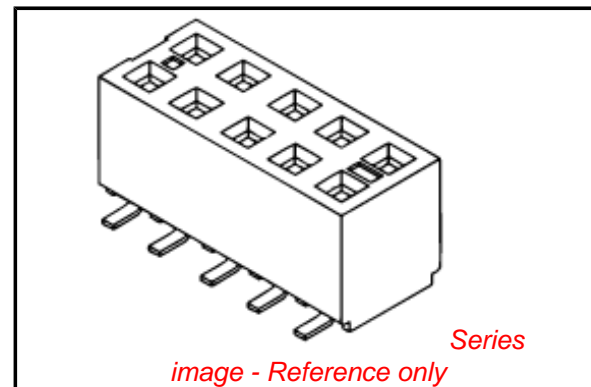
Circuits (Loaded) 42
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Rows 2
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 Packaging Type Tube
 Pitch - Mating Interface 2.00mm (.079")
 Plating min - Mating 0.381µm (15µ")
 Plating min - Termination 1.905µm (75µ")
 Polarized to Mating Part No
 Polarized to PCB No
 Surface Mount Compatible (SMC) N/A
 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



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

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
Sales Drawing
Test Summary

PS-79107
SDA-79109-****
TS-79109-001

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