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Part Number: [0781200807](#)
Status: **Active**
Overview: Slim-Grid Board-to-Board Connectors
Description: Slim-Grid Receptacle, 8 Circuits, Surface Mount, Vertical, 0.05µm Gold (Au) Plated, Tube, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 781200001-000 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification 781200001-000 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

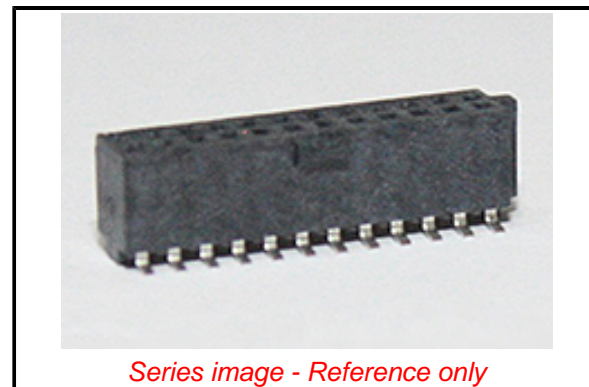
Product Family PCB Receptacles
 Series [78120](#)
 Application Board-to-Board, Signal
 Comments 4.3 Amps per Pole with only 1 contact powered up

1.4 Amps per Pole with max contacts powered up
 Overview [Slim-Grid Board-to-Board Connectors](#)
 Product Name Slim-Grid
 UPC 889056864800

Physical

Circuits (Loaded) 8
 Circuits (maximum) 8
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part Yes
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Matte Tin
 Material - Resin Liquid Crystal Polymer
 Net Weight 0.118/g
 Number of Rows 2
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 Packaging Type Tube
 Pitch - Mating Interface 1.27mm
 Pitch - Termination Interface 1.27mm
 Plating min - Mating 0.051µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part No
 Polarized to PCB No
 Temperature Range - Operating -55° to +105°C
 Termination Interface: Style Surface Mount
 Unmated Height 4.51mm

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

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

[78120 Series](#)

Mates With

Slim-Grid Headers [87933](#) , [200989](#) , [201021](#)
 , [201022](#) , [201173](#)

Current - Maximum per Contact	1.4A
Voltage - Maximum	125V AC

Material Info

Reference - Drawing Numbers

Packaging Specification	781200001-000
Product Specification	781200001-000
Sales Drawing	781200001-000

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