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**Part Number:** [0781202418](#)  
**Status:** **Active**  
**Overview:** Slim-Grid Board-to-Board Connectors  
**Description:** Slim-Grid Receptacle, 24 Circuits, Surface Mount, Vertical, 0.38µm Gold (Au) Plated, with Pick-and-Place Polyimide Tape, Tube, Lead-Free

**Documents:**

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

**General**

Product Family	PCB Receptacles
Series	<a href="#">78120</a>
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	<a href="#">Slim-Grid Board-to-Board Connectors</a>
Product Name	Slim-Grid
UPC	889056868242

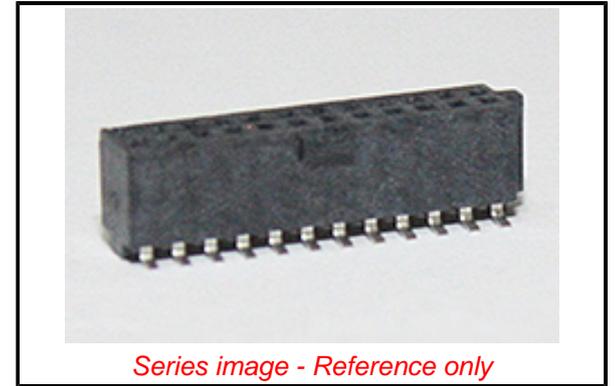
**Physical**

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	500
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	0.331/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	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Vacuum Pick-Up Tape
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount
Unmated Height	4.51mm

**Electrical**

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

**Material Info**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**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](#)

**Reference - Drawing Numbers**

Packaging Specification

781200001-000

Product Specification

781200001-000

Sales Drawing

781200001-000

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