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Part Number: [2010211158](#)
Status: **Active**
Overview: Slim-Grid Board-to-Board Connectors
Description: Slim-Grid Header, 8 Circuits, Through Hole, Right Angle, Shrouded, 0.38µm Gold (Au) Plated, 2.40mm Tail Length, with Peg, Tube, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 2009890001-000 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification 2010210001-000 \(PDF\)](#)

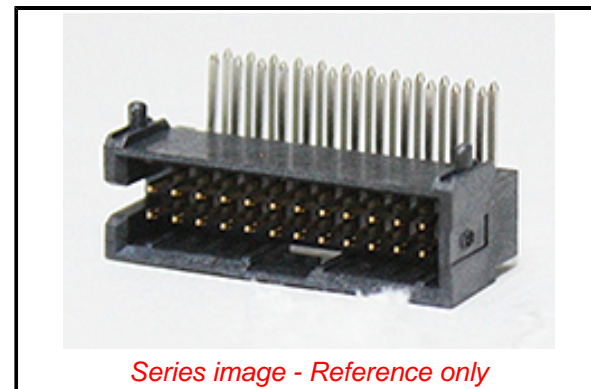
General

Product Family	PCB Headers
Series	201021
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 Literature Order No	987651-5972
Product Name	Slim-Grid
UPC	889056920261

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	500
First Mate / Last Break	No
Glow-Wire Compliant	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	0.368/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tube
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.381µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[201021](#) Series

Mates With

Slim-Grid Receptacle [78120](#)

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Packaging Specification	2010210001-000
Product Specification	2009890001-000
Sales Drawing	2010210024-000

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