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

General

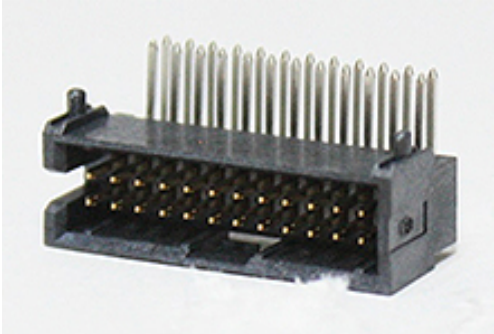
Product Family PCB Headers
Series [201021](#)
Application Board-to-Board, Signal
CURRENT-MAX-NUMERIC 1.4
Comments 4.3 Amps per Pole with only 1 contact powered up

1.4 Amps per Pole with max contacts powered up, 4.3 Amps per Pole with only 1 contact powered up

1.4 Amps per Pole with max contacts powered up
[Slim-Grid Board-to-Board Connectors](#)
Overview
PITCH-MATING-NUMERIC 1.27
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 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 0.368/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



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

Search Parts in this Series

[201021](#) Series

Mates With

Slim-Grid Receptacle [78120](#)

Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.4A
Voltage - Maximum	125V AC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess 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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