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Part Number: [2010214162](#)

Status: **Active**

Overview:

Description: Slim-Grid Header, 12 Circuits, Through Hole, Right-Angle, Shrouded, 0.38µm Gold (Au) Plated, 2.40mm Tail Length, with Peg, with Pick-and-Place Polyimide Tape, Tube, Lead-Free

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	slimgrid
Product Name	Slim-Grid
UPC	889056920612

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	0.493/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
Robotic Placement	Vacuum Pick-Up Tape
Shrouded	Fully
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
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EU ELV
Compliant

EU RoHS
Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[201021](#) Series

Mates With

Slim-Grid Receptacle [78120](#)

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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