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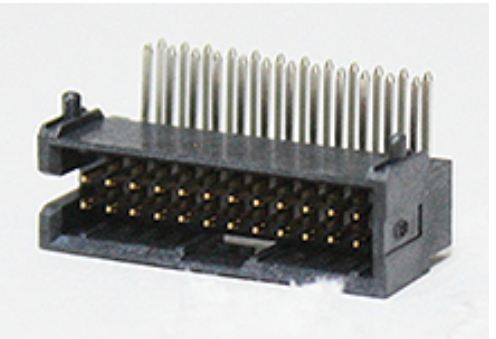
Part Number: 2010212012

Status: Active

Overview: Slim-Grid Board-to-Board Connectors

Description: Slim-Grid Header, 12 Circuits, Through Hole, Right-Angle, Shrouded, 0.05µm Gold (Au) Plated, 4.00mm Tail Length, without Peg, Tube, Lead-Free



Series image - Reference only

Documents:

Drawing (PDF)
Datasheet (PDF)
Product Specification 2009890001-000 (PDF)
RoHS Certificate of Compliance (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 Name	Slim-Grid
Taxonomy	Board-to-Board Connectors
UPC	889056921053

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	0.509/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	4.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.00mm
Packaging Type	Tube
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.051µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

Electrical

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

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-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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