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Part Number: [2009890012](#)
Status: **Active**
Overview:
Description: Slim-Grid Header, 12 Circuits, Surface Mount, Vertical, Shrouded, 0.05µm Gold (Au) Plated, Tube, Lead-Free

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	200989
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	889056881203

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	500
First Mate / Last Break	No
Flammability	94V-0
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	0.409/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	0.051µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 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

[200989](#) Series

Mates With

Slim-Grid Receptacle [78120](#)

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

Material Info

Reference - Drawing Numbers

Packaging Specification	2009890001-000
Product Specification	2009890001-000
Sales Drawing	2009890024-000

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