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Part Number: [2010221016](#)
Status: **Active**
Overview: Slim-Grid Board-to-Board Connectors
Description: Slim-Grid Header, 16 Circuits, Through Hole, Vertical, Shrouded, 0.05µm Gold (Au) Plated, 2.40mm Tail Length, Tube, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 2009890001-000 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification 2010220001-000 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

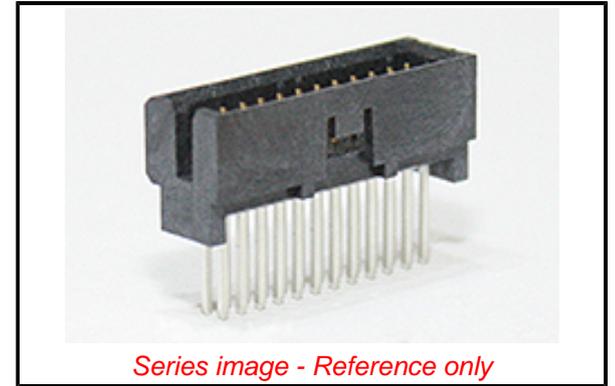
Product Family PCB Headers
 Series [201022](#)
 Application Board-to-Board, Signal
 CURRENT-MAX-NUMERIC 1.4
 Comments 4.3 Amps per Pole with only 1 contact powered up

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
 Overview [Slim-Grid Board-to-Board Connectors](#)
 PITCH-MATING-NUMERIC 1.27
 Product Literature Order No 987651-5972
 Product Name Slim-Grid
 UPC 889056899321

Physical

Breakaway No
 Circuits (Loaded) 16
 Circuits (maximum) 16
 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 0.523/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 2.40mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 2.40mm
 Packaging Type Tube
 Pitch - Mating Interface 1.27mm
 Pitch - Termination Interface 1.27mm



Series image - Reference only

EU ELV

Not Relevant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[201022 Series](#)

Mates With

Slim-Grid Receptacle [78120](#)

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	Through Hole

Electrical

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

Material Info**Reference - Drawing Numbers**

Packaging Specification	2010220001-000
Product Specification	2009890001-000
Sales Drawing	2010220024-000

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