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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

Documents:

Drawing (PDF)

Product Specification 2009890001-000 (PDF)

Packaging Specification 2010210001-000 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Headers

201021

Board-to-Board, Signal

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

PCB Header

Slim-Grid Board-to-Board Connectors

Slim-Grid

Board-to-Board Connectors

889056921053

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Temperature Range - Operating

Termination Interface: Style

No

12

12

Black

500

No

No

Yes

None

Yes

Copper Alloy

Gold

Matte Tin

Liquid Crystal Polymer

0.509/g

2

Right Angle

4.00mm

Yes

Yes

3.00mm

Tube

1.27mm

1.27mm

0.051µm

2.000µm

Yes

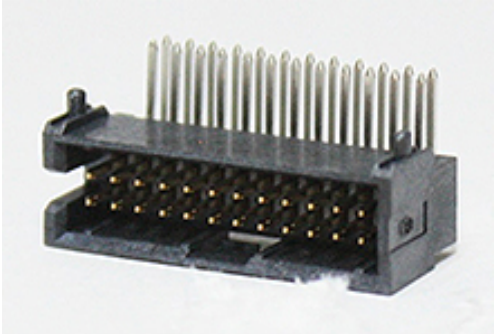
Yes

Fully

-55° to +105°C

Through Hole

Electrical



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

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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