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Part Number:

0781202418

Status:

Active

Overview:

Slim-Grid Board-to-Board Connectors

Description:

Slim-Grid Receptacle, 24 Circuits, Surface Mount, Vertical, 0.38µm Gold (Au) Plated, with Pick-and-Place Polyimide Tape, Tube, Lead-Free

Documents:

- [Drawing \(PDF\)](#)[RoHS Certificate of Compliance \(PDF\)](#)
- [Product Specification 781200001-000 \(PDF\)](#)[Product Literature \(PDF\)](#)
- [Packaging Specification 781200001-000 \(PDF\)](#)

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Receptacles

78120

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

[Slim-Grid Board-to-Board Connectors](#)

Slim-Grid

889056868242

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

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

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Robotic Placement

Temperature Range - Operating

Termination Interface: Style

Unmated Height

24

24

Black

500

No

Yes

None

Yes

Copper Alloy

Gold

Matte Tin

Liquid Crystal Polymer

0.331/g

2

Vertical

No

None

Tube

1.27mm

1.27mm

0.381µm

2.540µm

No

No

Vacuum Pick-Up Tape

-55° to +105°C

Surface Mount

4.51mm

Electrical

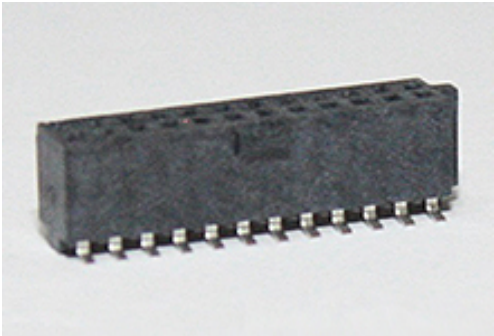
Current - Maximum per Contact

Voltage - Maximum

1.4A

125V AC

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[78120](#) Series

Mates With

Slim-Grid Headers [87933](#) , [200989](#) , [201021](#) , [201022](#) , [201173](#)

Reference - Drawing Numbers

Packaging Specification	781200001-000
Product Specification	781200001-000
Sales Drawing	781200001-000

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