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Part Number:

1720650212

Status:

Active

Overview:

Mega-Fit Power Connectors

Description:

Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 12 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black



Series image - Reference only

- Documents:
- 3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification 510651000-PS-CHI-000 (PDF)

Product Specification 510651000-PS-JAP-000 (PDF)

Product Specification 510651000-PS-KOR-000 (PDF)

Product Specification 510651000-PS-SPA-000 (PDF)

Product Specification PS-76823-100-001 (PDF)

Application Specification 768232000-AS-000 (PDF)

Application Specification AS-76823-100-001 (PDF)

Packaging Specification 768291100-000 (PDF)

Test Summary 1720631000-TS-000 (PDF)

Test Summary TS-76823-100-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Headers

172065

Power, Wire-to-Board

PCB Header

Mega-Fit Power Connectors

Mega-Fit

PCB Headers and Receptacles

889056897235

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Capable

Keying to Mating Part

Lock to Mating Part

Mated Height

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

Surface Mount Compatible (SMC)

No

12

12

Black

200

No

Yes

Yes

Yes

16.78mm

High Conductivity Copper

Gold

Matte Tin

Liquid Crystal Polymer

6.631/g

2

Vertical

3.73mm

Yes

Yes

1.58mm

Tray

5.70mm

5.70mm

0.381µm

2.540µm

Yes

Yes

Yes

Yes

EU ELV

Not Relevant

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

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

172065 Series

Mates With

Mega-Fit Receptacle Housing [171692](#) , [170001](#)

Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole
Unmated Height	14.80mm
Electrical	
Current - Maximum per Contact	23.5A
Voltage - Maximum	600V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	768232000-AS-000, AS-76823-100-001
Packaging Specification	768291100-000
Product Specification	510651000-PS-CHI-000, 510651000-PS-JAP-000, 510651000-PS-KOR-000, 510651000-PS-SPA-000, PS-76823-100-001
Sales Drawing	768290002-000
Test Summary	1720631000-TS-000, TS-76823-100-001

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