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Part Number:

1720641010

Status:

Active

Overview:

Mega-Fit Power Connectors

Description:

5.70mm Pitch, Mega-Fit Right-Angle Header, 10 Circuits, 0.76µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray

- Documents:
- Drawing (PDF)

3D Model

Product Specification 1720631000-PS-000 (PDF)

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

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

Packaging Specification PK-76825-0000-001 (PDF)

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

Test Summary TS-76825-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172064

3D Viewer

Yes

Application

Power, Wire-to-Board

CURRENT-MAX-NUMERIC

23.0

Overview

Mega-Fit Power Connectors

PITCH-MATING-NUMERIC

5.70

Product Literature Order No

987650-5401

Product Name

Mega-Fit

UPC

887191558950

Physical

Breakaway

No

Circuits (Loaded)

10

Circuits (maximum)

10

Color - Resin

Black

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

Yes

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Mated Height

16.78mm

Material - Metal

Copper

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

6.628/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.57mm, 2.36mm

Packaging Type

Tray

Pitch - Mating Interface

5.70mm

Pitch - Termination Interface

5.70mm

Plating min - Mating

0.762µm

Plating min - Termination

1.270µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

172064 Series

Mates With

171692 , 170001 Mega-Fit Receptacle
Housings

Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole
Unmated Height	14.53mm
Electrical	
Current - Maximum per Contact	23.0A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76823-100-001
Packaging Specification	PK-76825-0000-001
Product Specification	1720631000-PS-000, PS-76823-100-001
Sales Drawing	SD-76825-0100-000
Symbol/Footprint Data	SYM-172064-1010
Test Summary	TS-76823-100-001, TS-76825-001-001

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