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Part Number:

1720640004

Status:

Active

Overview:

Mega-Fit Power Connectors

Description:

5.70mm Pitch, Mega-Fit Right-Angle Header, 4 Circuits, 0.38µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray

Documents:

- Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification 1054171000-PS-000 (PDF)

Product Specification 1720631000-PS-000 (PDF)

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

Application Specification AS-76823-100-001 (PDF)
- Packaging Specification 768250001-PK-000 (PDF)

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

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

Datasheet (PDF)

Symbol Footprint Data SYM-172064-0004-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172064

Application

Power, Wire-to-Board

Overview

Mega-Fit Power Connectors

Product Name

Mega-Fit

UPC

887191453774

Physical

Breakaway

No

Circuits (Loaded)

4

Circuits (maximum)

4

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

2.836/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

0.381µm

Plating min - Termination

1.270µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Yes

Surface Mount Compatible (SMC)

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

172064 Series

Mates With

Mega-Fit Receptacle Housings [171692](#)
, [170001](#) . Mega-Fit Overmolded Cable
Assembly [245136](#)

Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole
Unmated Height	14.53mm
Electrical	
Current - Maximum per Contact	23.5A
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	768250001-PK-000
Product Specification	1054171000-PS-000, 1720631000-PS-000, PS-76823-100-001
Sales Drawing	SD-76825-0100-000
Symbol/Footprint Data	SYM-172064-0004-001
Test Summary	TS-76823-100-001, TS-76825-001-001

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