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Part Number:

0768250002

Status:

Active

Overview:

Description:

Mega-Fit Right-Angle Header, 2 Circuits, Tin (Sn) Plating, UL 94 V-0, Glow-Wire Capable, Tray

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

76825

Application

Power, Wire-to-Board

Overview

megafit_power_connectors

Product Name

Mega-Fit

UPC

887191453835

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

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

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

1.935/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

1.524µm

Plating min - Termination

1.270µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +105°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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

76825 Series

Mates With

Mega-Fit Receptacle Housings [171692](#) ,
[170001](#) . Mega-Fit Discrete CableAssembly
[45136](#)

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-76825-0002-001
Test Summary	TS-76823-100-001, TS-76825-001-001

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