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Part Number:

1726750814

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Plus HCS Header, Dual Row, Vertical, 8 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Glow-Wire Capable, Gold (Au) Plating

- Documents:
- 3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-45750-001-001 (PDF)

Packaging Specification PK-5566-001-001 (PDF)

Test Summary 457500003-TS-000 (PDF)

Test Summary TS-5566-002-001 (PDF)

Symbol Footprint Data SYM-172675-0813-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

172675

Application

Power, Wire-to-Board

Overview

Mini-Fit Family Power Connectors

Product Name

Mini-Fit Plus HCS

UPC

887191905730

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

Color - Resin

Black

Durability (mating cycles max)

250

First Mate / Last Break

No

Flammability

94V-2

Glow-Wire Capable

Yes

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Resin

Nylon

Net Weight

2.041/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

1.80mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.78mm

Packaging Type

Tray

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Halogen-Free

Status

Not 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

172675 Series

Mates With

46992 Mini-Fit Jr. Receptacle

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	220

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-5566-001-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-172675-0000-000
Symbol/Footprint Data	SYM-172675-0813-001
Test Summary	457500003-TS-000, TS-5566-002-001

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