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Part Number:

1726751014

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Plus HCS Header, Dual Row, Vertical, 10 Circuits, with Snap-in Plastic Peg
PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Glow-Wire Capable, Gold (Au) Plating

Documents:

Drawing (PDF)

3D Model (PDF)

3D Model

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-172675-1013-001 (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	887191905747

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	2.470/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-172675-1013-001
Test Summary	457500003-TS-000, TS-5566-002-001

This document was generated on 10/04/2021

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