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Part Number: [1726750814](#)
Status: **Active**
Overview: [Mini-Fit Plus Connector System](#)
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	Packaging Specification PK-5566-001 (PDF)
Drawing (PDF)	Test Summary TS-5566-002-001 (PDF)
Product Specification PS-45750-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	172675
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	13.0
Overview	Mini-Fit Plus Connector System
PITCH-MATING-NUMERIC	4.20
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172675 Series](#)

Mates With

[46992 Mini-Fit Jr. Receptacle](#)

Termination Interface: Style Through Hole

Electrical

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

Solder Process Data

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

Material Info

Reference - Drawing Numbers

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

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