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Part Number:

1726750413

Status:

Active

Overview:

Mini-Fit® Plus Connector System

Description:

Mini-Fit® Plus HCS Header, Dual Row, Vertical, 4 Circuits, with Snap-in Plastic Peg
PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Glow Wire Compliant, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

Test Summary TS-5566-002 (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® Plus Connector System
Product Name		Mini-Fit® Plus HCS
UPC		887191750217
Physical		
Breakaway		No
Circuits (Loaded)		4
Circuits (maximum)		4
Color - Resin		Black
Durability (mating cycles max)		100
First Mate / Last Break		No
Flammability		94V-2
Glow-Wire Compliant		Yes
Guide to Mating Part		No
Keying to Mating Part		None
Lock to Mating Part		Yes
Material - Metal		Copper Alloy
Material - Plating Mating		Tin
Material - Resin		Nylon
Net Weight		1.183/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°C to +105°C
Termination Interface: Style		Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the Contact Us section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

172675 Series

Mates With

46992 Mini-Fit® Jr. Receptacle

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	240

Material Info

Reference - Drawing Numbers

Product Specification	PS-45750-001
Sales Drawing	SD-172675-0000
Test Summary	TS-5566-002

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