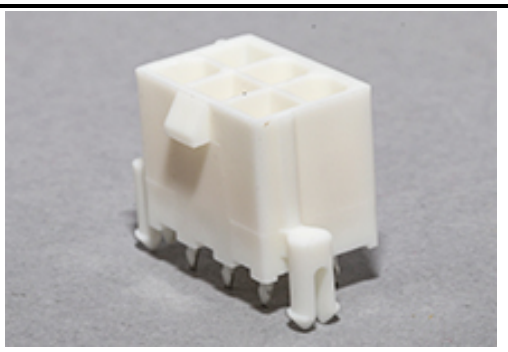
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Part Number: 0039289068
Status: Active
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 6 Circuits, with Snap-in Plastic Peg PCB Lock, Gold, Natural



Series image - Reference only

Documents:

- Drawing (PDF)
- 3D Model
- 3D Model (PDF)
- Product Specification PS-5556-001-001 (PDF)
- Application Specification AS-5557-001-001 (PDF)
- Application Specification AS-5566-001-001 (PDF)
- Packaging Specification PK-5566-001-001 (PDF)
- Test Summary TS-5556-002-001 (PDF)
- Test Summary TS-5566-002-001 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	5566
Application	Power, Wire-to-Board
Comments	The 5566 header should be used with standard Mini-Fit female terminals. If increased amperage of up to 13A per circuit is needed, please consider using the Mini-Fit Plus HCS family 45750 terminals with 46015 headers; . See Molex Product specification PS-5666-001 for current de-rating information.
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	800754205573

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	1.432/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2020)9139-DC (19 Jan 2021)

Halogen-Free Status
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
5566 Series

Mates With
5557 Mini-Fit Jr. Receptacle Housing, Mini-Fit TPA2 Receptacle Housing 172708

Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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

Electrical

Current - Maximum per Contact	9.0A
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

Engineering Number	5566-06B2GS-210

Reference - Drawing Numbers

Application Specification	AS-5557-001-001, AS-5566-001-001
Packaging Specification	PK-5566-001-001
Product Specification	PS-5556-001-001
Sales Drawing	55660021-SD-000
Test Summary	TS-5556-002-001, TS-5566-002-001