

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039013029

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Plug Housing, Dual Row, 2 Circuits, UL 94V-0, without Panel Mounting Ears, Natural



Series image - Reference only

Documents:	
3D Model (PDF)	Application Specification AS-5557-001-001 (PDF)
3D Model	Packaging Specification PK-5559-002-001 (PDF)
Drawing (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-45750-001-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 55560001-AS-000 (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Crimp Housings
Series	5559
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. See Molex product specification PS-45750-001 for additional current derating information.
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
Taxonomy	Connector Housings
UPC	800753584068
Physical	
Breakaway	No
Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.900/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Electrical	
Current - Maximum per Contact	13.0A
Solder Process Data	
Lead-freeProcess Capability	N/A

EU ELV Compliant	
EU RoHS Compliant	China RoHS
REACH SVHC Not Contained Per - Halogen-Free Status Low-Halogen	
For more information, please visit Contact US	
China ROHS ELV	Green Image Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

5559 Series

Mates With

Mini-Fit Jr. Receptacle Housing [39013028](#)
, [39012025](#)
Mini-Fit Jr. TPA Cable
Assembly [45135](#)
Mini-Fit Jr. Cable
Assembly [245135](#)

Use With

Mini-Fit Male Crimp Terminals [5558](#)

Mini-Fit Plus HCS Crimp Terminals
[46012](#)
Mini-Fit Jr. Grounding Pin [30490](#)

Mini-Fit Pre-Crimped Leads [797580005](#)
, [797580013](#)
Mini-Fit Jr. Backshell
[204723](#)

Material Info

Engineering Number 5559-02P1-210

Reference - Drawing Numbers

Application Specification 55560001-AS-000, AS-5557-001-001
Packaging Specification PK-5559-002-001
Product Specification PS-45750-001-001, PS-5556-001-001
Sales Drawing 55590001-SD-000
Test Summary 55560010-TS-000, TS-5556-002-001

This document was generated on 10/18/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION