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Part Number:

0039012025

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Receptacle Housing, Dual Row, 2 Circuits, UL 94V-0, Natural

Documents:	
Drawing (PDF)	Product Specification PS-5556-002-001 (PDF)
3D Model	Application Specification 55560001-AS-000 (PDF)
3D Model (PDF)	Application Specification AS-5557-001-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Packaging Specification PK-5557-002-000 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-45750-001-001 (PDF)	Datasheet (PDF)
Product Specification PS-5556-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Crimp Housings
Series	5557
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.
UPC	800753584273
Physical	
Breakaway	No
Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	0.663/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
Material Info	
Engineering Number	5557-02R-210



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant
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
ELV
RoHS Phthalates

Green Image
Compliant
Not Contained

Search Parts in this Series
5557 Series

Mates With
5559 Dual Row, 5566 Vertical with Pegs, 5566 Vertical without Pegs, 5569 Right Angle Dual Row with Flanges, 5569 Right Angle Dual Row with Pegs, 43810 , 44068 , 44281 , 87427 , 42404 , 42440

Use With
Mini-Fit Female Crimp Terminals 5556

Mini-Fit Plus HCS Crimp Terminal 45750
Mini-Fit Pre-Crimped Leads 797580001 , 797580009
Mini-Fit Jr. Backshell 204723

Reference - Drawing Numbers

Application Specification	55560001-AS-000, AS-5557-001-001
Packaging Specification	PK-5557-002-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-45750-001-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5557-003-000
Test Summary	55560010-TS-000, TS-5556-002-001

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