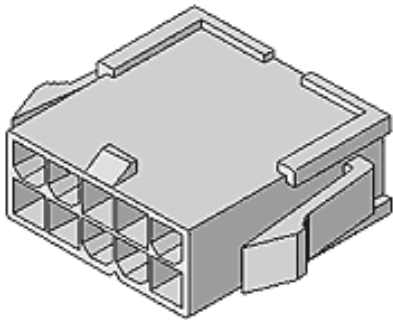


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039012126](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: Mini-Fit Jr.™ Plug Housing, Dual Row, 12 Circuits, UL 94V-0, with Panel Mounting Ears, Natural

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-45750-001-001 \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#)
[Application Specification AS-5557-001-001 \(PDF\)](#)
[Packaging Specification PK-5559-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

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 Jr. Power Connectors
Product Name	Mini-Fit Jr.™
UPC	800754319935
Physical	
Breakaway	No
Circuits (maximum)	12
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Compliant	No
Material - Resin	Nylon
Net Weight	3.802/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Electrical	
Current - Maximum per Contact	13.0A
Material Info	
Engineering Number	5559-12P-210
Reference - Drawing Numbers	
Application Specification	AS-5557-001-001
Packaging Specification	PK-5559-001-001
Product Specification	PS-45750-001-001, PS-5556-001
Sales Drawing	SD-5559-NP-000



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS
REACH SVHC
Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free
Status
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
RoHS Phthalates	Not Contained

Search Parts in this Series
[5559](#) Series

Mates With
Dual Row Receptacle Housing [5557](#)

Use With
[5558](#) , [30490](#) Male Terminal

This document was generated on 07/28/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION