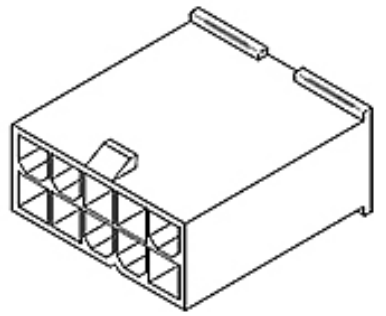
This document was generated on 08/02/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0039013143
Status: Active
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr. Plug Housing, Dual Row, 14 Circuits, UL 94V-2, without Panel Mounting Ears, Natural



Series image - Reference only

Documents:
3D Model
Drawing (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	800753683730

Physical

Breakaway	No
Circuits (maximum)	14
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	3.882/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	5559-14P1

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per - ED/61/2018 (27 June 2018)
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
Receptacle Housing 39-01-2140

Use With
5558 Mini-Fit Jr. Male Crimp Terminals. 30490 Mini-Fit Male Grounding Crimp Terminals
 46012 Mini-Fit Plus Crimp Terminal

This document was generated on 08/02/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION