

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039012046](#)
Status: **Active**
Overview:
Description: Mini-Fit Jr. Plug Housing, Dual Row, 4 Circuits, UL 94V-0, with Panel Mounting Ears, Natural

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	minifit_power_connector_solutions
Product Name	Mini-Fit Jr.
UPC	800753618022

Physical

Breakaway	No
Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	1759.300/mg
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° to +105°C

Electrical

Current - Maximum per Contact	13.0A
-------------------------------	-------

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Engineering Number	5559-04P-210
--------------------	--------------

Reference - Drawing Numbers

Application Specification	55560001-AS-000, AS-5557-001-001
Packaging Specification	PK-5559-001-001
Product Specification	PS-45750-001-001, PS-5556-001-001
Sales Drawing	55590020-SD-000
Test Summary	55560010-TS-000

EU ELV
Compliant

EU RoHS **China 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	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[5559](#) Series

Mates With

Mini-Fit Jr. Receptacle Housing [5557](#)

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](#)

This document was generated on 04/06/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION