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Part Number: [0039014033](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Jr. Plug Housing, Single Row, 3 Circuits, UL 94V-0, with Panel Mounting Ears, Natural

Documents:

[Drawing \(PDF\)](#) [3D Model \(PDF\)](#)
[3D Model](#) [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 Family Power Connectors](#)
 Product Name Mini-Fit Jr.
 UPC 800754381062

Physical

Breakaway No
 Circuits (maximum) 3
 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 1.439/g
 Number of Rows 1
 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

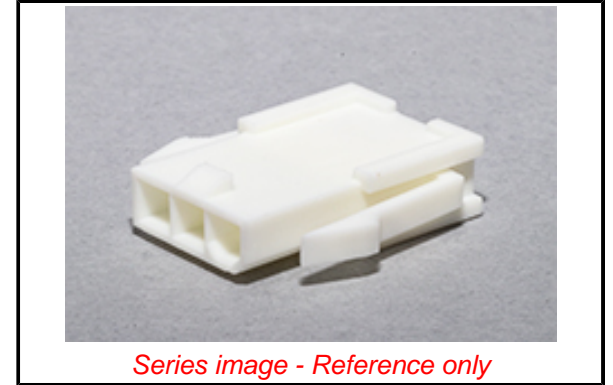
Current - Maximum per Contact 13.0A

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Engineering Number 5559-03P2-210



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[5559](#) Series

Mates With

Mini-Fit Jr. Receptacle Housing [39014031](#)

Mini-Fit TPA2 Cable Assembly [145135](#)

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](#)

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