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Part Number: [0039013083](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: [Mini-Fit Jr.™ Plug Housing, Dual Row, 8 Circuits, UL 94V-2, Natural](#)

Documents:

[3D Model](#) [Packaging Specification PK-5559-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#)

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.. Glow Wire Equivalent Part.
 MolexKits Yes
 Overview [Mini-Fit Jr.™ Power Connectors](#)
 Product Name Mini-Fit Jr.™
 UPC 800754203913

Physical

Breakaway No
 Circuits (maximum) 8
 Color - Resin Natural
 Flammability 94V-2
 Gender Plug
 Glow-Wire Compliant No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Resin Nylon
 Net Weight 2.305/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°C to +105°C

Electrical

Current - Maximum per Contact 13.0A

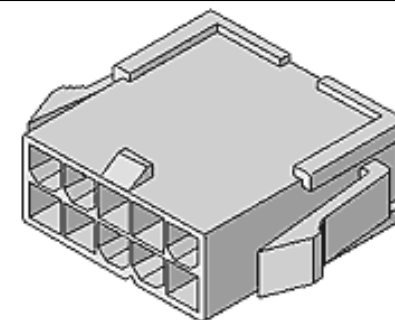
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Engineering Number 5559-08P1

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[5559](#) Series

Mates With

Receptacle Housing [39-01-2080](#)
Mini-Fit Jr.™ TPA Cable Assembly [45135](#)

Use With

[5558](#) Mini-Fit Jr.™ Male Crimp Terminals.
[30490](#) Mini-Fit® Male Grounding Crimp Terminals

Packaging Specification
Product Specification
Sales Drawing

PK-5559-002
PS-5556-001
SD-5559-NP1*

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