

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039012105](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Receptacle Housing, Dual Row, 10 Circuits, UL 94V-0, Natural](#)

Documents:

Drawing (PDF)	Application Specification 55560001-AS-000 (PDF)
3D Model (PDF)	Application Specification AS-5557-001-001 (PDF)
3D Model	Packaging Specification PK-5557-002-000 (PDF)
Product Specification PS-45750-001-001 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-5556-001-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-5556-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	5557
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	800753757691

Physical

Breakaway	No
Circuits (maximum)	10
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	2.147/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
-------------------------------	-------

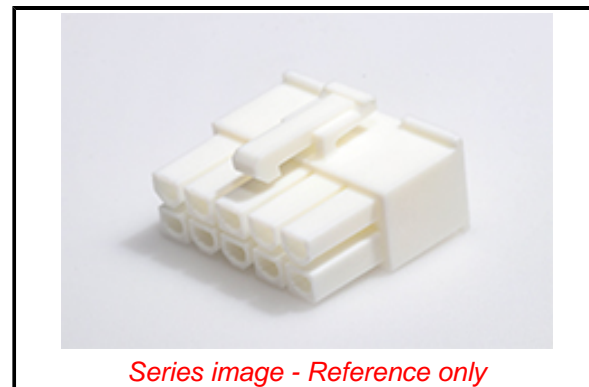
Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Engineering Number	5557-10R-210
--------------------	--------------

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

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

Not Relevant

Not Contained

Search Parts in this Series

[5557](#) Series

Mates With

[5559](#) Dual Row, [5566](#) Vertical with Pegs, [5566](#) Vertical without Pegs, [5569](#) Right Angle Dual Row with Flanges, [5569](#) Right Angle Dual Row with Pegs, [43810](#) , [44068](#) , [44281](#) , [87427](#) , [42404](#) , [42440](#)

Use With

Mini-Fit Female Crimp Terminals [5556](#)

Mini-Fit Plus HCS Crimp Terminal
[45750](#)
Mini-Fit Pre-Crimped Leads
[797580001](#) , [797580009](#)
Mini-Fit Jr.
Backshell [204723](#)

Application Specification
Packaging Specification
Product Specification

Sales Drawing
Test Summary

55560001-AS-000, AS-5557-001-001
PK-5557-002-000
PS-45750-001-001, PS-5556-001-001,
PS-5556-002-001
SD-5557-003-000
55560010-TS-000, TS-5556-002-001

This document was generated on 12/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION