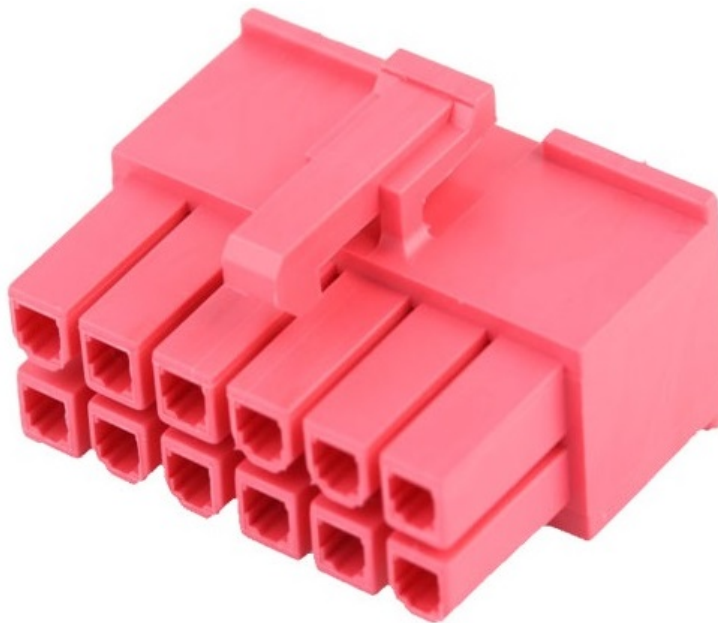


molex MF-12F Mini-Fit socket without contacts Installation Guide

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molex MF-12F Mini-Fit socket without contacts Installation Guide



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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.. Glow Wire Equivalent Part.
- **Overview:** Mini-Fit Family Power Connectors
- **Product Name:** Mini-Fit Jr.
- **UPC:** 800753583962

Physical

- **Breakaway:** No
- **Circuits (maximum):** 16
- **Color – Resin:** Natural
- **Flammability:** 94V-2
- **Gender:** Receptacle
- **Glow-Wire Capable:** No
- **Material – Resin:** Nylon
- **Net Weight:** 3.173/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

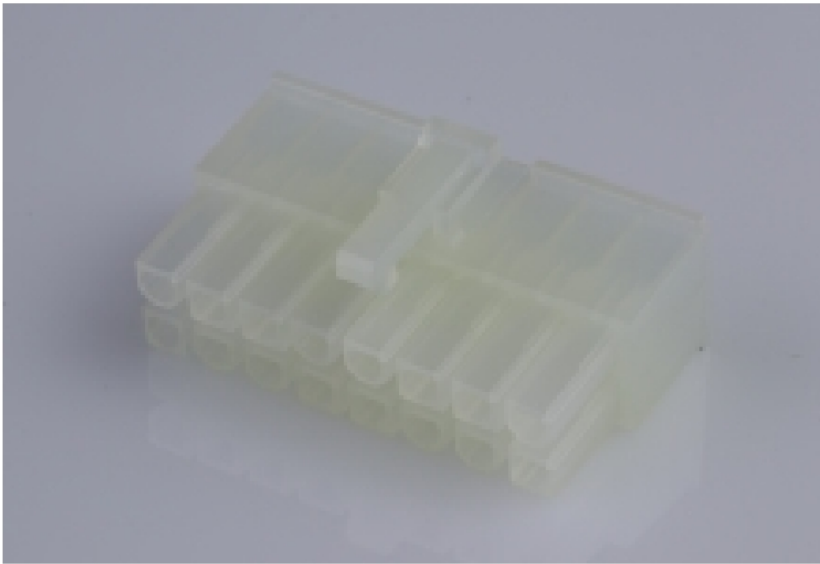
- **Current – Maximum per Contact:** 13.0A

Solder Process Data

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

Material Info

- **Engineering Number:** 5557-16R



Series image – Reference only

EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

Not Contained Per –

D(2021)4569-DC (8

July 2021)

Halogen-Free

Status

Low-Halogen

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

- **China ROHS:** Green Image
- **ELV:** Not Relevant
- **RoHS Phthalates:** 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

Reference – Drawing Numbers

Application Specification: 55560001-AS-000, AS-5557-001-001

Packaging Specification: PK-5557-002-000

Product Specification: 55560002-PS-CH-000, 55560002-PS-ES-000,
55560002-PS-SK-000, PS-45750-001-001,
PS-5556-001-001, PS-5556-002-001

Sales Drawing: SD-5557-003-000

Test Summary: 55560010-TS-000, TS-5556-002-001

This document was generated on 08/27/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



Documents / Resources



[molex MF-12F Mini-Fit socket without contacts](#) [pdf] Installation Guide

MF-12F Mini-Fit Family Power connectors, MF-12F, Mini-Fit Family Power connectors, Family Power connectors, Power connectors, connectors

References

- [Creating Connections for Life | Molex](#)

Manuals+.