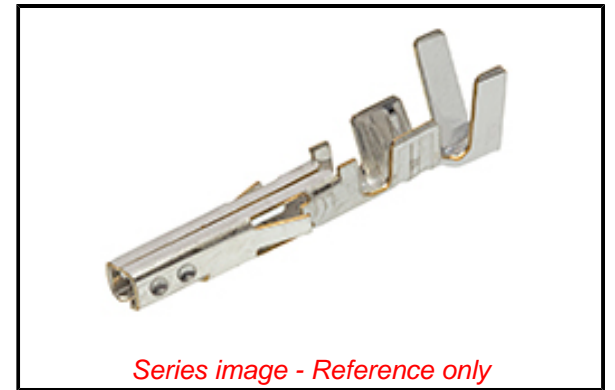


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0039000039**
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Bag

Documents:

| | |
|---|--|
| Drawing (PDF) | Test Summary 55560000-TS-000 (PDF) |
| Product Specification PS-5556-001-001 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-5556-002-001 (PDF) | Test Summary TS-5556-005-001 (PDF) |
| Packaging Specification PK-5556-003 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 5556 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr. Power Connectors |
| Packaging Alternative | 39000038 (Reel) |
| Product Name | Mini-Fit |
| UPC | 800753585027 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.130/g |
| Packaging Type | Bag |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.889µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.30-3.10mm |
| Wire Size AWG | 18, 20, 22, 24 |
| Wire Size mm ² | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
| Voltage - Maximum | 600V |

Solder Process Data

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

Material Info

| | |
|--------------------|--------|
| Engineering Number | 5556TL |
|--------------------|--------|

Reference - Drawing Numbers

| | |
|-------------------------|---|
| Packaging Specification | PK-5556-003 |
| Product Specification | PS-5556-001-001, PS-5556-002-001 |
| Sales Drawing | 55560000-SD-000 |
| Test Summary | 55560000-TS-000, TS-5556-002-001, TS-5556-005-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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

[5556 Series](#)

Mates With

[5558](#) Mini-Fit Crimp Male Terminals. Mini-Fit Jr. Header, Dual Row, [5566](#) , [5569](#)

Use With

[5557](#) Mini-Fit Jr. Receptacle Housing, [30067](#) Mini-Fit TPA, [42474](#) Mini-Fit BMI Panel Mount