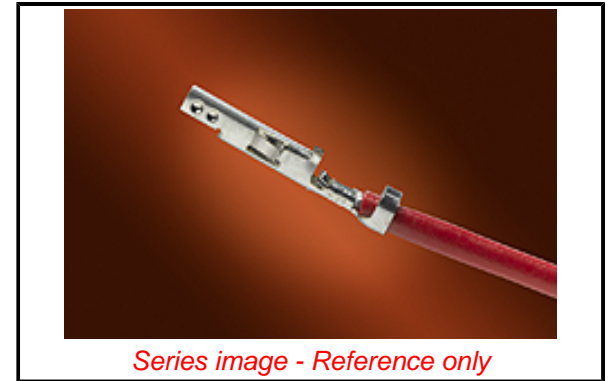


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0039000038**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-001-001 \(PDF\)](#)  
[Product Specification PS-5556-001-001 \(PDF\)](#) [Test Summary 55560000-TS-000 \(PDF\)](#)  
[Product Specification PS-5556-002-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification TS-5556-002-001 \(PDF\)](#)



**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 [39-00-0039 \(Loose\)](#)  
Product Name Mini-Fit  
UPC 800753585010

**Physical**

Durability (mating cycles max) 30  
Gender Female  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 0.453/g  
Packaging Type Reel  
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<sup>2</sup> N/A

**Electrical**

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

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 5556T

**Reference - Drawing Numbers**

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

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

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