

**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 \(PDF\)](#) [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  
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 mm² N/A

**Electrical**

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

**Solder Process Data**

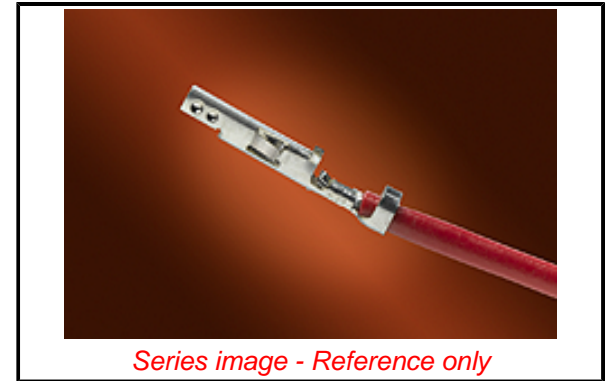
Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 5556T

**Reference - Drawing Numbers**

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



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

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