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Part Number: [0039000082](#)
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) over Copper Plated Brass, 16 AWG, Bag

Documents:

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

General

| | |
|-------------------------|---------------------------------------|
| Product Family | Crimp Terminals |
| Series | <u>5558</u> |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | <u>Mini-Fit Jr.™ Power Connectors</u> |
| Packaging Alternative | <u>39-00-0081 (Reel)</u> |
| Product Name | Mini-Fit® |
| UPC | 800753726802 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Male |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 80.000/mg |
| Packaging Type | Bag |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.889µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.80-3.10mm |
| Wire Size AWG | 16 |
| Wire Size mm² | N/A |

Electrical

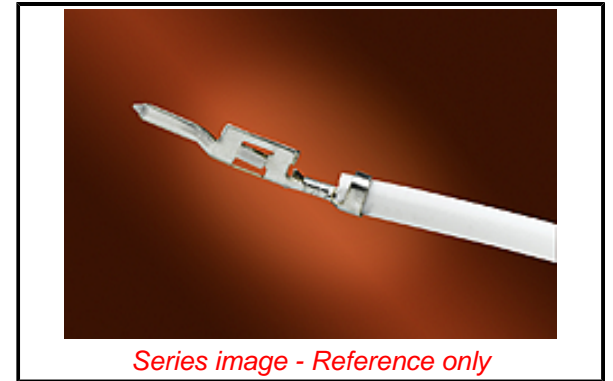
| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
| Voltage - Maximum | 600V |

Material Info

| | |
|--------------------|---------|
| Engineering Number | 5558T3L |
|--------------------|---------|

Reference - Drawing Numbers

| | |
|-------------------------|---|
| Packaging Specification | PK-5556-003 |
| Product Specification | PS-5556-001, PS-5556-002-001, TS-5556-002-001 |
| Sales Drawing | SD-5558**** |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[5558 Series](#)

Mates With

[5556 Mini-Fit® Crimp Terminal](#)

Use With

[5559 Mini-Fit Jr.™ Plug Housing](#), [30068 Mini-Fit® TPA Plug Housing](#), [42475 Mini-Fit® BMI Plug Housing](#)