

**Part Number:** 0039000038

**Status:** Active **Overview:** Mini-Fit Jr.

**Description:** 4.20mm (.165") Pitch Mini-Fit® Crimp Terminal, Female, with Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Reel



Series image - Reference only

**Documents:**

Note - Please disable browser pop-up blockers for documents on www.molex.com

- [Drawing \(PDF\)](#)
- [Product Specification PS-51010-005 \(PDF\)](#)
- [Product Specification PS-51010-006 \(PDF\)](#)
- [Product Specification PS-51045-001 \(PDF\)](#)
- [Product Specification PS-51045-002 \(PDF\)](#)
- [Product Specification PS-51045-004 \(PDF\)](#)
- [Product Specification PS-51096-001 \(PDF\)](#)
- [Product Specification PS-52034-003 \(PDF\)](#)
- [Product Specification PS-52034-004 \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
- [Product Specification PS-5556-002 \(PDF\)](#)
- [Packaging Specification PK-5556-001 \(PDF\)](#)
- [Test Summary TS-5556-002 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

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**Part Detail: (show all)**

- General
  Physical
  Electrical
  Material Info
  Reference - Drawing Numbers

**General**

Product Family	Crimp Terminals
Series	5556
Application	Power
Overview	Mini-Fit Jr.
Product Name	Mini-Fit®

**Physical**

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min - Mating	0.889µm (35µ")
Plating min - Termination	0.889µm (35µ")
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm (.051-.122")
Wire Size AWG	18, 20, 22, 24
Wire Size mm <sup>2</sup>	N/A

**Electrical(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	9A
Voltage - Maximum	600V

**Material Info**

Old Part Number	5556T
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**Reference - Drawing Numbers**

Packaging Specification	PK-5556-001
Product Specification	PS-51010-005, PS-51010-006, PS-51045-001, PS-51045-002, PS-51045-004, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-42474-001, RPS-51045-001, RPS-5557-008, RPS-5557-024, RPS-5557-031, RPS-5557-036, RPS-5557-037, RPS-5557-045, RPS-5557-046, RPS-5566-002
Sales Drawing	SD-5556****
Test Summary	TS-5556-002