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**Part Number:** [39-00-0083](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-5556-002 \(PDF\)](#)  
[Product Specification PS-5556-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-5558-001 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	5558
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Packaging Alternative	<a href="#">39-00-0084 (Loose)</a>
Product Name	Mini-Fit®
UPC	800753694415

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.120/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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	9A
Voltage - Maximum	600V

**Material Info**

Old Part Number	5558PBT3
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**Reference - Drawing Numbers**

Packaging Specification	PK-5558-001
Product Specification	PS-5556-002
Sales Drawing	SD-5558****
Test Summary	TS-5556-002



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

**Search Parts in this Series**

[5558Series](#)

**Mates With**

[5556 Mini-Fit® Crimp Terminal](#)

**Use With**

[5559 Mini-Fit Jr.™ Plug Housing](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Extraction Tool	<a href="#">0011030044</a>
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<a href="#">0638190900</a>
FineAdjust™ Applicator for Insulation OD	<a href="#">0639002800</a>

2.60-3.15mm Optimized for 16 AWG Only FineAdjust™ Applicator for Insulation OD 2.20-2.45mm Optimized for 16 AWG Only FineAdjust™	<u>0639003000</u>
Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	<u>0639015300</u>  <u>0639102800</u>  <u>0639103000</u>

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