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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	Mini-Fit Jr.™ Power Connectors
Packaging Alternative	39-00-0084 (Loose)
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



image - Reference only

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
 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 #
FineAdjust™ Applicator for Insulation OD 2.60-3.15mm Optimized for 16 AWG Only	0639002800
Extraction Tool	0011030044

Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
FineAdjust™ Applicator for Insulation OD 2.20-2.45mm Optimized for 16 AWG Only	<u>0639003000</u>
FineAdjust™ Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	<u>0639015300</u>
T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only	<u>0639102800</u>
T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	<u>0639103000</u>

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