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Part Number: **0039000083**
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 AWG, Reel

Documents:

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

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

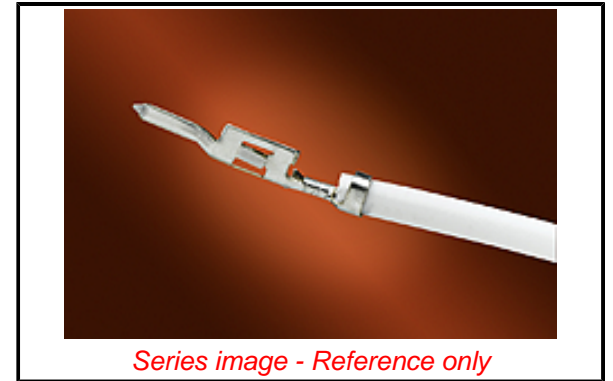
Current - Maximum per Contact 9.0A
Voltage - Maximum 600V

Material Info

Engineering Number 5558PBT3

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

China RoHS

Search Parts in this Series

[5558 Series](#)

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 #

Hand Crimp Tool for [0638190900](#)
Male and Female

Crimp Terminals, 16-24 AWG Wire	
Extraction Tool	<u>0011030044</u>
FineAdjust™	<u>0639039400</u>
Applicator for Insulation OD 2.20-2.45mm, Optimized for 16 AWG Only	
FineAdjust™	<u>0639041400</u>
Applicator for Mini- Fit Jr.™, Mini-Fit HCS™, and Mini-Fit Plus HCS™ Crimp Terminals, 16 AWG with Large Insulation Diameters	
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>
FineAdjust™ Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	<u>0639015300</u>

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