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Part Number: [39-00-0075](#)
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 18-24 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	39-00-0076 (Loose)
Product Name	Mini-Fit®
UPC	800754394093

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.126/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	2.032µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical

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

Material Info

Old Part Number	5558GS4
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Reference - Drawing Numbers

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

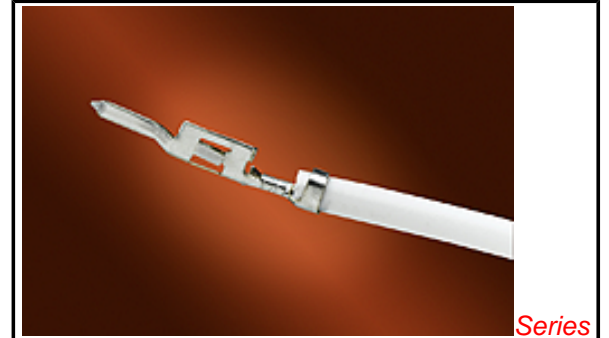


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Series

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 #
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900
FineAdjust™ Applicator for Insulation OD	0639023900

1.40-1.70mm - 18-24
AWG
T2 Terminator™ for 0639102900
insulation OD 1.65
– 2.05mm – 18 – 24
AWG
T2 Terminator™ 0639123900
for insulation OD
1.40-1.70mm - 18-24
AWG
FineAdjust™ 0639024800
Applicator for
Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only
T2 Terminator™ 0639115600
for insulation OD
1.90-2.30mm - 18-24
AWG
Extraction Tool 0011030044
FineAdjust™ 0639002600
Applicator for
Insulation OD
2.50-2.95mm - 18-24
AWG
FineAdjust™ 0639002900
Applicator for
Insulation OD
1.65-2.05mm - 18-24
AWG
T2 Terminator™ 0639102600
for insulation OD
2.50-2.95mm - 18-24
AWG
T2 Terminator™ 0639124800
for insulation OD
2.50-2.95mm
optimized for 18
AWG only
FineAdjust™ 0639015600
Applicator for
Insulation OD
1.90-2.30mm - 18-24
AWG
FineAdjust™ 0639024900
Applicator for
Insulation OD
2.30-2.60mm - 18-24
AWG
T2 Terminator™ 0639124900
for insulation OD
2.30-2.60mm - 18-24
AWG

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