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Part Number: [0039000040](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24 AWG, Reel

Documents:

Drawing (PDF)	Packaging Specification 55580001-PK-000 (PDF)
Drawing (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification 55560008-TS-000 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-5556-001-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-5556-002-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 55560001-AS-000 (PDF)	

General

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	39000041 (Loose)
Product Name	Mini-Fit
UPC	800753643239

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.123/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm ²	N/A

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	5558T
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55580001-PK-000
Product Specification	55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558XXXX, SD-5558XXXX-002
Test Summary	55560000-TS-000, 55560010-TS-000, TS-5556-002-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

5558 Series

Use With

Mini-Fit Jr. Plug Housing [5559](#)
Mini-Fit
BMI Plug Housing [42475](#)

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	11030044
FineAdjust Applicator	2037026300
for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	
Hand Crimp Tool	638190901
for Mini-Fit Jr. Male and Female Crimp	

Terminals, 18-24
 AWG
 FineAdjust Applicator 639015600
 for Insulation OD
 1.90-2.30mm - 18-24
 AWG
 FineAdjust Applicator 639023900
 for Insulation OD
 1.40-1.70mm - 18-24
 AWG
 FineAdjust Applicator 639024800
 for Insulation OD
 2.50-2.95mm
 Optimized for 18
 AWG Only
 FineAdjust Applicator 639024900
 for Insulation OD
 2.30-2.60mm - 18-24
 AWG
 FineAdjust Applicator 639047800
 for Insulation OD
 2.50-2.95mm, 18-24
 AWG
 FineAdjust Applicator 639048000
 for Insulation OD
 1.65-2.05mm, 18-24
 AWG
 T2 Terminator 639115600
 for insulation OD
 1.90-2.30mm - 18-24
 AWG
 T2 Terminator 639123900
 for insulation OD
 1.40-1.70mm - 18-24
 AWG
 T2 Terminator 639124800
 for insulation OD
 2.50-2.95mm
 optimized for 18
 AWG only
 T2 Terminator 639124900
 for insulation OD
 2.30-2.60mm - 18-24
 AWG
 T2 Terminator 639147800
 for Mini-Fit Crimp
 Terminals, 18-24
 AWG with Large
 Insulation ODs
 T2 Terminator 639148000
 for Mini-Fit Crimp
 Terminals, 18-24
 AWG with Smaller
 Insulation ODs

Japan

Description	Product #
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24 AWG, UL1007 Wires	<u>570223700</u>
S-1 Applicator for Mini-Fit Plug and Receptacle	<u>570223710</u>

Terminals, 18-24
AWG, UL1015 Wires
Hand Extraction Tool [570316000](#)

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Mouser Electronics

Authorized Distributor

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[Molex:](#)

[39-00-0040](#) [39-00-0040 \(Cut Strip\)](#) [39-00-0040 \(Mouser Reel\)](#)