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Part Number: **0039000040**
Status: **Active**
Overview:
Description: Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24, 22+22 AWG, Reel

General

Product Family Crimp Terminals
 Series [5558](#)
 Application Power, Wire-to-Wire
 Crimp Quality Equipment Yes
 Overview [minifit_power_connector_solutions](#)
 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, 22+22, 24
 Wire Size mm² N/A

Electrical

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

Solder Process Data

Lead-free Process Capability N/A

Material Info

Engineering Number 5558T

Reference - Drawing Numbers

Application Specification [55560001-AS-000](#)
 Packaging Specification [55580001-PK-000](#)
 Product Specification [55560002-PS-CH-000](#), [55560002-PS-ES-000](#),
[55560002-PS-SK-000](#), [55560008-TS-000](#),
[PS-5556-001-001](#), [PS-5556-002-001](#)
[SD-5558XXX-001](#), [SD-5558XXX-002](#)
[55560000-TS-000](#), [55560010-TS-000](#),
[TS-5556-002-001](#)

Sales Drawing
 Test Summary

勝特力材料 86-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

**EU ELV
Compliant**

**EU RoHS
Compliant** **China RoHS**
REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS Green Image
 ELV Compliant
 RoHS Phthalates 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 for [11030044](#)
 Mini-Fit Jr. Terminals
 FineAdjust Applicator [2037026300](#)
 for Mini-Fit Double
 Crimp Applications
 Using Two 22 AWG
 Wires
 PremiumGrade Hand [638190901](#)
 Crimp Tool for Mini-
 Fit Jr. Male and
 Female Terminals,
 18-24 AWG
 FineAdjust [639015600](#)
 Applicator for 18-20
 AWG and 18-24
 AWG Wires with
 Insulation Diameter
 1.90-2.30mm
 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 Terminals, 18-24 AWG, UL1015 Wires Hand Extraction Tool	<u>570316000</u>

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