

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

Drawing (PDF)	Product Specification PS-5556-002-001 (PDF)
Drawing (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Packaging Specification 55580001-PK-000 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification 55560008-TS-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family 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, 22+22, 24
Wire Size mm ²	N/A

Electrical

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

Solder Process Data

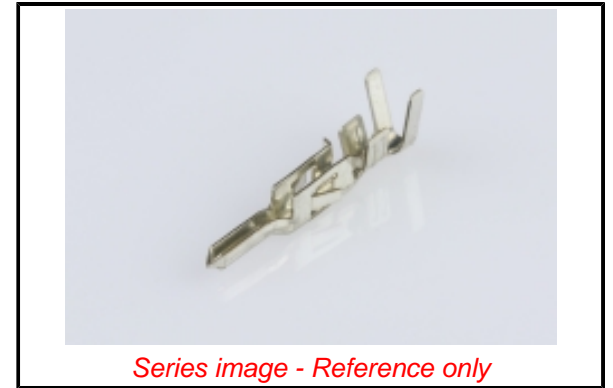
Lead-freeProcess Capability	N/A
-----------------------------	-----

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
Sales Drawing	SD-5558XXXX-001, SD-5558XXXX-002



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

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

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

Female Terminals, 18-24 AWG FineAdjust Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm FineAdjust Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only FineAdjust Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG FineAdjust Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG FineAdjust Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG T2 Terminator for insulation OD 1.90-2.30mm - 18-24 AWG T2 Terminator for insulation OD 1.40-1.70mm - 18-24 AWG T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only T2 Terminator for insulation OD 2.30-2.60mm - 18-24 AWG T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs	<u>639015600</u> <u>639023900</u> <u>639024800</u> <u>639024900</u> <u>639047800</u> <u>639048000</u> <u>639115600</u> <u>639123900</u> <u>639124800</u> <u>639124900</u> <u>639147800</u> <u>639148000</u>
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	<u>570223710</u>

and Receptacle
Terminals, 18-24
AWG, UL1015 Wires
Hand Extraction Tool 570316000

This document was generated on 02/02/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-](#)
[5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-](#)
[367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)