

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000061](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: Mini-Fit Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24, 22+22 AWG, Reel

Documents:

Drawing (PDF)	Product Specification PS-5556-002-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Packaging Specification 55580001-PK-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification 55560008-TS-000 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-51010-003-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-51010-004-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-001-001 (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	39000062 (Loose)
Product Name	Mini-Fit
UPC	800753584686

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	1.30-3.10mm
Wire Size AWG	18, 20, 22, 22+22, 24
Wire Size mm²	N/A

Electrical

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

Material Info

Engineering Number	5558PBT
--------------------	---------

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-51010-003-001 , PS-51010-004-001 , PS-5556-001-001 , PS-5556-002-001
Sales Drawing	SD-5558XXX-001 , SD-5558XXX-002
Test Summary	55560000-TS-000 , 55560010-TS-000 , TS-5556-002-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS	Green Image
ELV	Not Relevant
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	<u>639015600</u>
Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	
FineAdjust Applicator	<u>639023900</u>
for Insulation OD 1.40-1.70mm - 18-24 AWG	
FineAdjust Applicator	<u>639024800</u>
for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	
FineAdjust Applicator	<u>639024900</u>
for Insulation OD 2.30-2.60mm - 18-24 AWG	
FineAdjust Applicator	<u>639047800</u>
for Insulation OD 2.50-2.95mm, 18-24 AWG	
FineAdjust Applicator	<u>639048000</u>
for Insulation OD 1.65-2.05mm, 18-24 AWG	
T2 Terminator	<u>639115600</u>
for insulation OD 1.90-2.30mm - 18-24 AWG	
T2 Terminator	<u>639123900</u>
for insulation OD 1.40-1.70mm - 18-24 AWG	
T2 Terminator	<u>639124800</u>
for insulation OD 2.50-2.95mm optimized for 18 AWG only	
T2 Terminator	<u>639124900</u>
for insulation OD 2.30-2.60mm - 18-24 AWG	
T2 Terminator	<u>639147800</u>
for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs	
T2 Terminator	<u>639148000</u>
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	<u>570223710</u>

This document was generated on 04/19/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION