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Part Number: [0039000067](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Male Crimp Terminal, Tin \(Sn\) over Phosphor Bronze, 22-28 AWG, Reel](#)

Documents:

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 55560010-TS-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-002-001 (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	39000068 (Loose)
Product Name	Mini-Fit
UPC	800754394024

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	0.90-1.80mm
Wire Size AWG	22, 24, 26, 28
Wire Size mm²	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	5558-PBT2
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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 , PS-5556-001-001 , PS-5556-002-001
Sales Drawing	SD-5558XXXX-001 , SD-5558XXXX-002
Test Summary	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)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

Not Relevant

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	
PremiumGrade Hand	638191000
Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 22-28 AWG	
FineAdjust Applicator	639002700
for Insulation OD	

1.30-1.50mm, 22-28 AWG Wire FineAdjust Applicator	<u>639020200</u>
for Insulation OD 1.10-1.30mm - 22-28 AWG FineAdjust Applicator	<u>639023800</u>
for Insulation OD 0.95-1.08mm - 22-28 AWG T2 Terminator	<u>639102700</u>
for Insulation OD 1.30-1.50mm, 22-28 AWG T2 Terminator	<u>639120200</u>
for insulation OD 1.10-1.30mm - 22-28 AWG T2 Terminator	<u>639123800</u>
for insulation OD 0.95-1.08mm - 22-28 AWG	
Japan	
Description	Product #
Applicator for M21 1A Bench Press, 22-28	<u>570383000</u>
AWG Wire	

This document was generated on 11/09/2021

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