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Part Number: [0039000059](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female 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 55560001-PK-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Packaging Specification SPK-5556-001-001 (PDF)
Product Specification 55560008-TS-000 (PDF)	Packaging Specification SPK-5556-001-002 (PDF)
Product Specification PS-51010-003-001 (PDF)	Packaging Specification SPK-5556-001-003 (PDF)
Product Specification PS-51010-004-001 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification PS-51045-003-001 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-52252-001-001 (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	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000060 (Loose)
Product Name	Mini-Fit
Taxonomy	Crimp Terminals
UPC	800753584662

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	195.000/mg
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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	5556PBT
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55560001-PK-000, SPK-5556-001-001, SPK-5556-001-002, SPK-5556-001-003



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

5556 Series

Use With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit BMI Slide and Lock Panel
Mount [44516](#)
Mini-Fit BMI Panel Mount
Receptacle Housing
 [42474](#) , [43760](#)

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	

Product Specification

Sales Drawing
Test Summary

55560002-PS-CH-000, 55560002-PS-ES-000,
55560002-PS-SK-000, 55560008-TS-000,
PS-51010-003-001, PS-51010-004-001,
PS-51045-003-001, PS-52252-001-001,
PS-5556-001-001, PS-5556-002-001
55560000-SD-000
55560000-TS-000, 55560010-TS-000,
TS-5556-002-001

PremiumGrade Hand638190901
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 Applicator639023900
for Insulation OD
1.40-1.70mm - 18-24
AWG
FineAdjust Applicator639024800
for Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only
FineAdjust Applicator639024900
for Insulation OD
2.30-2.60mm - 18-24
AWG
FineAdjust Applicator639047800
for Insulation OD
2.50-2.95mm, 18-24
AWG
FineAdjust Applicator639048000
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	570223700

Terminals, 18-24
AWG, UL1007 Wires
S-1 Applicator 570223710
for Mini-Fit Plug
and Receptacle
Terminals, 18-24
AWG, UL1015 Wires

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