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Part Number: [0039000181](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 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)	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	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000182 (Loose)
Product Name	Mini-Fit
UPC	800755527933

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 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	5556-PBGSP
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55560001-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-5556-006-001
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(2020)9139-DC (19
Jan 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

[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	

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 #
Applicator for M211A Bench Press, 18-24 AWG Wire	570223000

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