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Part Number: [0039000039](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Bag

Documents:

Drawing (PDF)	Packaging Specification SPK-5556-001-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Packaging Specification SPK-5556-001-002 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Packaging Specification SPK-5556-001-003 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification PS-5556-001-001 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-5556-002-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Application Specification 55560001-AS-000 (PDF)	Test Summary TS-5556-005-001 (PDF)
Packaging Specification PK-5556-003-001 (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	39000038 (Reel)
Product Name	Mini-Fit
UPC	800753585027

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Bag
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, 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	5556TL
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	PK-5556-003-001, SPK-5556-001-001, SPK-5556-001-002, SPK-5556-001-003
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-5556-001-001, PS-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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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
PremiumGrade Hand[638190901](#)
Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG

Japan

Sales Drawing
Test Summary

55560000-SD-000
55560000-TS-000, 55560010-TS-000,
TS-5556-002-001, TS-5556-005-001

Description	Product #
Handtool (Straight Action)	<u>570225500</u>
Hand Crimp Tool	<u>570265000</u>
Hand Crimp Tool	<u>570275000</u>
Hand Extraction Tool	<u>570316000</u>

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