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Part Number:

0039000038

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Reel

- Documents:
- Drawing (PDF)

Packaging Specification 55560001-PK-000 (PDF)

Product Specification 55560008-TS-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)

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 Jr. Power Connectors
Packaging Alternative	39000039 (Loose)
Product Name	Mini-Fit
UPC	800753585010

Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.182/g
Packaging Type	Reel
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

Material Info	
Engineering Number	5556T

Reference - Drawing Numbers	
Application Specification	55560001-AS-000
Packaging Specification	55560001-PK-000
Product Specification	55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	55560000-SD-000
Test Summary	55560000-TS-000, 55560010-TS-000, TS-5556-002-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Low-Halogen

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

China RoHS

Green Image

ELV

Compliant

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	11030044
FineAdjust Applicator	2037026300
for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	
Hand Crimp Tool	638190901
for Mini-Fit Jr. Male	

and Female Crimp
Terminals, 18-24
AWG
FineAdjust Applicator639015600
for Insulation OD
1.90-2.30mm - 18-24
AWG
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 #
Applicator for M211A Bench Press, 18-24	570223000
AWG Wire	
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24	570223700
AWG, UL1007 Wires	

S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24 AWG, UL1015 Wires Hand Extraction Tool	<u>570223710</u> <u>570316000</u>
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