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Part Number:

0039000081

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper Plated Brass, 16, 18+22, 20+20, 20+22 AWG, Reel

- Documents:
- Drawing (PDF)

Product Specification 55560002-PS-CH-000 (PDF)

Product Specification 55560002-PS-ES-000 (PDF)

Product Specification 55560002-PS-SK-000 (PDF)

Product Specification 55560008-TS-000 (PDF)

Product Specification PS-5556-001-001 (PDF)

Product Specification PS-5556-002-001 (PDF)

Application Specification 55560001-AS-000 (PDF)

Packaging Specification 55580001-PK-000 (PDF)

Test Summary 55560010-TS-000 (PDF)

Test Summary TS-5556-002-001 (PDF)

RoHS Certificate of Compliance (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	39000082 (Loose)
Product Name	Mini-Fit
Taxonomy	Crimp Terminals
UPC	800753727083

Physical	
Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.080/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16, 18+22, 20+20, 20+22
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	5558T3

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, 55560008-TS-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

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

Green Image

ELV

Compliant

RoHS Phthalates

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 Mini-Fit Jr. Terminals	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200
FineAdjust Applicator for Mini-Fit Double Crimp Applications	2037026200
Using Two 20 & 22	

AWG, 20 & 20 AWG, or 18 & 22 AWG Wires FineAdjust Applicator <u>639039400</u> for Insulation OD 2.20-2.45mm, 16 AWG FineAdjust Applicator <u>639041400</u> for Insulation OD 2.60-3.15mm, 16 AWG FineAdjust Applicator <u>639041500</u> for Insulation OD 1.80-2.20mm, 16 AWG	
Japan	
Description	Product #
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 16 AWG Hand Extraction Tool	<u>570223730</u> <u>570316000</u>

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