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Part Number:

0039000182

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 AWG, Bag

- 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 PS-5556-001-001 (PDF)

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

Application Specification 55560001-AS-000 (PDF)

Packaging Specification PK-5556-003-001 (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	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000181 (Reel)
Product Name	Mini-Fit
UPC	800754395847

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	Bag
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

Material Info	
Engineering Number	5556-PBGSPL

Reference - Drawing Numbers	
Application Specification	55560001-AS-000
Packaging Specification	PK-5556-003-001
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-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	China 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	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 Mini-Fit Jr. Terminals	11030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	638190901
Japan	

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

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