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Part Number:

0039000048

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Male Crimp Terminal, Tin (Sn) over Plated Brass Contact, 22-28 AWG, Reel

Documents:	
Drawing (PDF)	Packaging Specification 55580001-PK-000 (PDF)
Product Specification 55560008-TS-000 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification PS-5556-001-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-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 Jr. Power Connectors
Packaging Alternative	39000049 (Loose)
Product Name	Mini-Fit
UPC	800753584617
Physical	
Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.154/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size AWG	22, 24, 26, 28
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	5558T2
Reference - Drawing Numbers	
Crimp Specification	CS-5556X2_5558X2
Packaging Specification	55580001-PK-000
Product Specification	55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558XXXX-001, SD-5558XXXX-002
Test Summary	55560000-TS-000, TS-5556-002-001



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC
Not Contained Per -
ED/71/2019 (16 July
2019)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS
ELV
RoHS Phthalates

Green Image
Compliant
Not Contained

Search Parts in this Series
5558 Series

Mates With
5556 Mini-Fit Crimp Terminal

Use With
5559 Mini-Fit Jr. Plug Housing, 30068 Mini-Fit TPA Plug Housing, 42475 Mini-Fit BMI Plug Housing

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Extraction Tool	11030044
Hand Crimp Tool for Crimp Terminals	638191000
FineAdjust Applicator for Insulation OD	639002700

1.30-1.50mm, 22-28	
AWG Wire	
FineAdjust Applicator	<u>639020200</u>
for Insulation OD	
1.10-1.30mm - 22-28	
AWG	
FineAdjust Applicator	<u>639023800</u>
for Insulation OD	
0.95-1.08mm - 22-28	
AWG	
T2 Terminator	<u>639102700</u>
for Insulation OD	
1.30-1.50mm, 22-28	
AWG	
T2 Terminator	<u>639120200</u>
for insulation OD	
1.10-1.30mm - 22-28	
AWG	
T2 Terminator	<u>639123800</u>
for insulation OD	
0.95-1.08mm - 22-28	
AWG	
Japan	
Description	Product #
S-1 Applicator	<u>570223720</u>
for Mini-Fit Plug	
and Receptacle	
Terminals, 22-28	
AWG	
Hand Extraction Tool	<u>570316000</u>
Applicator for M211A	<u>570383000</u>
Bench Press, 22-28	
AWG Wire	

This document was generated on 08/19/2019

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