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Part Number: 0039000065
Status: Active
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 22-28 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-54111-002-001 \(PDF\)](#)
[Product Specification PS-5556-001-001 \(PDF\)](#)
- [Product Specification PS-5556-002-001 \(PDF\)](#)
[Application Specification 55560001-AS-000 \(PDF\)](#)
[Packaging Specification 55560001-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	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000066 (Loose)
Product Name	Mini-Fit
UPC	800753584709

Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	128.200/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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	5556PBT2

Reference - Drawing Numbers	
Application Specification	55560001-AS-000
Packaging Specification	55560001-PK-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, 55560008-TS-000, PS-54111-002-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	55560000-SD-000
Test Summary	55560010-TS-000, TS-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 ELV RoHS Phthalates
	Green Image Not Relevant 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 PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 22-28 AWG	11030044 638191000

FineAdjust Applicator	<u>639002700</u>
for Insulation OD	
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 #
Applicator for M211A	<u>570383000</u>
Bench Press, 22-28	
AWG Wire	

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Molex:

[39-00-0065 \(Mouser Reel\)](#) [39-00-0065 \(Cut Strip\)](#)