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Part Number: [0039000217](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 AWG, Reel

Documents:

- | | |
|--|---|
| Drawing (PDF) | Product Specification PS-5556-002-001 (PDF) |
| Product Specification 55560002-PS-CH-000 (PDF) | Application Specification 55560001-AS-000 (PDF) |
| Product Specification 55560002-PS-ES-000 (PDF) | Packaging Specification 55560001-PK-000 (PDF) |
| Product Specification 55560002-PS-SK-000 (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification 55560008-TS-000 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-5556-001-001 (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	39000218 (Loose)
Product Name	Mini-Fit
Taxonomy	Crimp Terminals
UPC	800755527940

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.133/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	1.270µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	5556-PBS3P
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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-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5556-SPX-001
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

[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
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200
FineAdjust Applicator for Mini-Fit Double	2037026200

Crimp Applications
Using Two 20 & 22
AWG, 20 & 20 AWG,
or 18 & 22 AWG
Wires
FineAdjust Applicator[639039400](#)
for Insulation OD
2.20-2.45mm, 16
AWG
FineAdjust Applicator[639041400](#)
for Insulation OD
2.60-3.15mm, 16
AWG
FineAdjust Applicator[639041500](#)
for Insulation OD
1.80-2.20mm, 16
AWG

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