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

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-5556-001-001 \(PDF\)](#)
[Product Specification PS-5556-002-001 \(PDF\)](#)
[Product Specification TS-5556-002-001 \(PDF\)](#)
[Packaging Specification PK-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 Jr. Power Connectors](#)
Packaging Alternative [39-00-0218 \(Loose\)](#)
Product Name Mini-Fit
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

Material Info
Engineering Number 5556-PBS3P

Reference - Drawing Numbers
Packaging Specification PK-5556-001-001
Product Specification PS-5556-001-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing SD-5556-SP*



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC

China RoHS

Not Contained Per -
ED/61/2018 (27 June
2018)

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

Mates With
[5558](#) Mini-Fit Crimp Male Terminals. Mini-Fit Jr. Header, Dual Row, [5566](#) , [5569](#)

Use With
[5557](#) Mini-Fit Jr. Receptacle Housing, [30067](#) Mini-Fit TPA, [42474](#) Mini-Fit BMI Panel Mount

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