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Part Number: [0039000081](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper Plated Brass, 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-5558-001 \(PDF\)](#)
[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 [39-00-0082 \(Loose\)](#)
Product Name Mini-Fit
UPC 800753727083

Physical
Durability (mating cycles max) 30
Gender Male
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 0.080/g
Packaging Type Reel
Plating min - Mating 0.889µm
Plating min - Termination 0.889µm
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 5558T3

Reference - Drawing Numbers
Packaging Specification PK-5558-001
Product Specification PS-5556-001-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing SD-5558****



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC

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
[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

Mouser Electronics

Authorized Distributor

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Molex:

[39-00-0081](#) [39-00-0081 \(Mouser Reel\)](#) [39-00-0081 \(Cut Strip\)](#)