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Part Number: **0039000083**
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 AWG, Reel

Documents:

Drawing (PDF)	Packaging Specification 55580001-PK-000 (PDF)
Product Specification 55560008-TS-000 (PDF)	Test Summary 55560010-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)
Application Specification 55560001-AS-000 (PDF)	



Series image - Reference only

General

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000084 (Loose)
Product Name	Mini-Fit
UPC	800753694415

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.120/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm ²	N/A

Electrical

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

Material Info

Engineering Number	5558PBT3
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55580001-PK-000
Product Specification	55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558XXXX, SD-5558XXXX-002
Test Summary	55560010-TS-000, TS-5556-002-001

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

5558 Series

Use With

Mini-Fit Jr. Plug Housing [5559](#)
Mini-Fit
BMI Plug Housing [42475](#)

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	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 20 & 22 AWG, 20 & 20 AWG,	2037026200

or 18 & 22 AWG

Wires

FineAdjust Applicator 639039400

for Insulation OD

2.20-2.45mm,

Optimized for 16

AWG Only

FineAdjust Applicator 639041400

for Mini-Fit Jr., Mini-

Fit HCS, and Mini-

Fit Plus HCS Crimp

Terminals, 16 AWG

with Large Insulation

Diameters

FineAdjust 639041500

Applicator for Mini-

Fit Crimp Terminals,

1.80-2.20mm

Insulation Diameter

Wire, 16 AWG,

1.31mm²

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