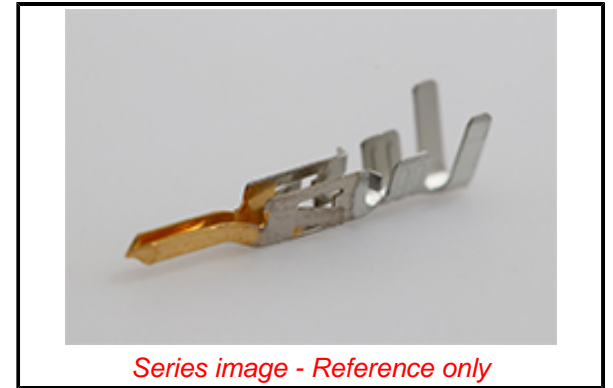


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Part Number: **0039000126**
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Male Crimp Terminal, Tin (Sn), Phosphor Bronze, 18-24 AWG, Reel

Documents:

Drawing (PDF)	Product Specification TS-5556-002-001 (PDF)
Product Specification 55560008-TS-000 (PDF)	Packaging Specification 55580001-PK-000 (PDF)
Product Specification PS-5556-001-001 (PDF)	Packaging Specification PK-5558-001 (PDF)
Product Specification PS-5556-002-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Crimp Terminals
Series	<u>5558</u>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Jr. Power Connectors</u>
Packaging Alternative	<u>39000127 (Loose)</u>
Product Name	Mini-Fit
UPC	800754395236

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.125/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm ²	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	5558-PBS
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Reference - Drawing Numbers

Packaging Specification	55580001-PK-000, PK-5558-001
Product Specification	55560008-TS-000, PS-5556-001-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5558-XSX

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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

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	<u>11030044</u>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 18-24 AWG	<u>638190901</u>

FineAdjust Applicator [639002600](#)
for Insulation OD
2.50-2.95mm, 18-24
AWG Wire

FineAdjust Applicator [639002900](#)
for Insulation OD
1.65-2.05mm, 18-24
AWG Wire

FineAdjust Applicator [639015600](#)
for Insulation OD
1.90-2.30mm - 18-24
AWG

FineAdjust Applicator [639023900](#)
for Insulation OD
1.40-1.70mm - 18-24
AWG

FineAdjust Applicator [639024800](#)
for Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only

FineAdjust Applicator [639024900](#)
for Insulation OD
2.30-2.60mm - 18-24
AWG

T2 Terminator [639102600](#)
for Insulation OD
2.50-2.95mm, 18-24
AWG

T2 Terminator for [639102900](#)
Insulation OD 1.65
– 2.05mm, 18–24
AWG

T2 Terminator [639115600](#)
for insulation OD
1.90-2.30mm - 18-24
AWG

T2 Terminator [639123900](#)
for insulation OD
1.40-1.70mm - 18-24
AWG

T2 Terminator [639124800](#)
for insulation OD
2.50-2.95mm
optimized for 18
AWG only

T2 Terminator [639124900](#)
for insulation OD
2.30-2.60mm - 18-24
AWG

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