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Part Number: [0039000075](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 18-24 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)	

General

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	39000076 (Loose)
Product Name	Mini-Fit
UPC	800754394093

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.126/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	2.032µm
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

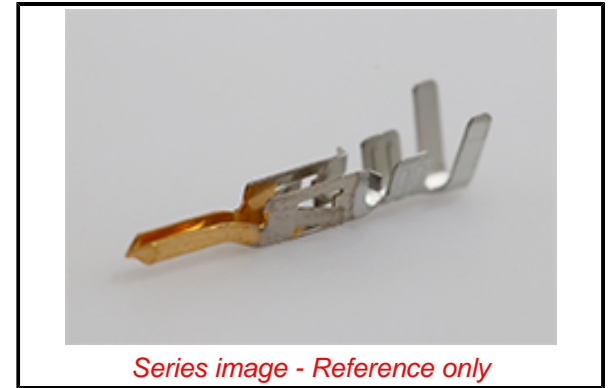
Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Material Info

Engineering Number	5558GS4
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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-5558-002-001
Test Summary	55560010-TS-000, TS-5556-002-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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
FineAdjust Applicator	2037026300
for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	
Hand Crimp Tool	638190901
for Mini-Fit Jr. Male and Female Crimp	

Terminals, 18-24
AWG
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
FineAdjust Applicator [639047800](#)
for Insulation OD
2.50-2.95mm, 18-24
AWG
FineAdjust Applicator [639048000](#)
for 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
T2 Terminator [639147800](#)
for Mini-Fit Crimp
Terminals, 18-24
AWG with Large
Insulation ODs
T2 Terminator [639148000](#)
for Mini-Fit Crimp
Terminals, 18-24
AWG with Smaller
Insulation ODs

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