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Part Number: [0039000121](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: Mini-Fit Male Crimp Terminal, Tin (Sn) Plated Brass Contact, 18-24 AWG, Bag

Documents:

Drawing (PDF)	Packaging Specification PK-5556-003 (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)

General

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	39000120 (Reel)
Product Name	Mini-Fit
UPC	800753512047

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.138/g
Packaging Type	Bag
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

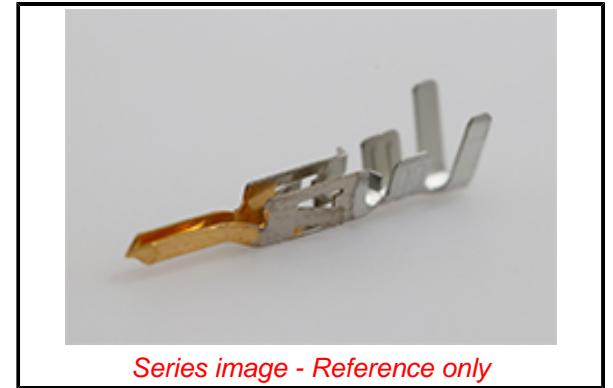
Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	5558-SL
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Reference - Drawing Numbers

Packaging Specification	PK-5556-003
Product Specification	PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558-XSX
Test Summary	TS-5556-002-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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](#)

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	11030044
FineAdjust Applicator for Mini-Fit Jr., Mini-Fit, and Mini-Fit Plus	2037026300
HCS, 22+22 AWG	

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 Mini-Fit Jr., Mini-
Fit HCS, and Mini-
Fit Plus HCS Crimp
Terminals, 18-24
AWG with Large
Insulation Diameters

FineAdjust Applicator [639048000](#)
for Mini-Fit Crimp
Terminals, 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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