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Part Number: [0039000139](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 22-28 AWG, Reel

Documents:

Drawing (PDF)	Packaging Specification 55560001-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	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	39000140 (Loose)
Product Name	Mini-Fit
UPC	800753827127

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	115.701/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size AWG	22, 24, 26, 28
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	5556GS8
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55560001-PK-000
Product Specification	55560008-TS-000 , PS-5556-001-001 , PS-5556-002-001
Sales Drawing	SD-5556-006-001
Test Summary	55560010-TS-000 , TS-5556-002-001



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

[5556 Series](#)

Use With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit BMI Slide and Lock Panel
 Mount [44516](#)
Mini-Fit BMI Panel Mount
 Receptacle Housing
 [42474](#) , [43760](#)

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 #

Hand Crimp Tool for	638191000
Crimp Terminals	
FineAdjust Applicator	639002700
for Insulation OD	
1.30-1.50mm, 22-28	
AWG Wire	
FineAdjust Applicator	639020200
for Insulation OD	

1.10-1.30mm - 22-28
AWG
FineAdjust Applicator 639023800
for Insulation OD
0.95-1.08mm - 22-28
AWG
T2 Terminator 639102700
for Insulation OD
1.30-1.50mm, 22-28
AWG
T2 Terminator 639120200
for insulation OD
1.10-1.30mm - 22-28
AWG
T2 Terminator 639123800
for insulation OD
0.95-1.08mm - 22-28
AWG

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