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Part Number: [0039000428](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Reel

Documents:

Drawing (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification PS-51010-007-001 (PDF)	Packaging Specification PK-5556-001 (PDF)
Product Specification PS-52034-005-001 (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)

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	39000429 (Loose)
Product Name	Mini-Fit
UPC	822348149391

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	130.000/mg
Packaging Type	Reel
Plating min - Mating	0.762µm
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

Material Info

Engineering Number	5556GS7F
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	PK-5556-001
Product Specification	PS-51010-007-001, PS-52034-005-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5556-006-001
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 - ECHA_01_2020 (16 January 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 #
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Extraction Tool	11030044
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	2037026300
Hand Crimp Tool for Mini-Fit Jr. Male	638190901

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

This document was generated on 03/04/2020

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