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Part Number:

39-00-0428

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



Series

image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-51010-007 \(PDF\)](#)
- [Product Specification PS-52034-005 \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
- [Product Specification PS-5556-002 \(PDF\)](#)
- [Test Summary TS-5556-002 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Packaging Alternative	39-00-0429 (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 mm²	N/A

Electrical

Current - Maximum per Contact	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5556GS7F
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Reference - Drawing Numbers

Product Specification	PS-51010-007, PS-52034-005, PS-5556-001, PS-5556-002, RPS-501609-001, RPS-501609-002
Sales Drawing	SD-5556-006
Test Summary	TS-5556-002

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

5556Series

Mates With

5558 Mini-Fit® Crimp Male Terminals. Mini-Fit Jr.™ Header, Dual Row, 5566 , 5569

Use With

5557 Mini-Fit Jr.™ Receptacle 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 #
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900
T2 Terminator™ for insulation OD 1.65	0639102900

– 2.05mm – 18 – 24	
AWG	
FineAdjust™	<u>0639023900</u>
Applicator for	
Insulation OD	
1.40-1.70mm - 18-24	
AWG	
T2 Terminator™	<u>0639115600</u>
for insulation OD	
1.90-2.30mm - 18-24	
AWG	
T2 Terminator™	<u>0639123900</u>
for insulation OD	
1.40-1.70mm - 18-24	
AWG	
FineAdjust™	<u>0639002600</u>
Applicator for	
Insulation OD	
2.50-2.95mm - 18-24	
AWG	
FineAdjust™	<u>0639002900</u>
Applicator for	
Insulation OD	
1.65-2.05mm - 18-24	
AWG	
FineAdjust™	<u>0639024900</u>
Applicator for	
Insulation OD	
2.30-2.60mm - 18-24	
AWG	
T2 Terminator™	<u>0639124900</u>
for insulation OD	
2.30-2.60mm - 18-24	
AWG	
T2 Terminator™	<u>0639102600</u>
for insulation OD	
2.50-2.95mm - 18-24	
AWG	
FineAdjust™	<u>0639015600</u>
Applicator for	
Insulation OD	
1.90-2.30mm - 18-24	
AWG	
FineAdjust™	<u>0639024800</u>
Applicator for	
Insulation OD	
2.50-2.95mm	
Optimized for 18	
AWG Only	
T2 Terminator™	<u>0639124800</u>
for insulation OD	
2.50-2.95mm	
optimized for 18	
AWG only	
Extraction Tool	<u>0011030044</u>

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Mouser Electronics

Authorized Distributor

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Molex:

[39-00-0428](#) [39-00-0428 \(Cut Strip\)](#) [39-00-0428 \(Mouser Reel\)](#)