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Part Number:

39-00-0077

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 16 AWG, Reel



Series

image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
- [Product Specification PS-5556-002 \(PDF\)](#)
- [Packaging Specification PK-5556-001 \(PDF\)](#)
- [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	39-00-0078 (Loose)
Product Name	Mini-Fit®
UPC	800753627741

Physical

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	135.300/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm²	N/A

Electrical

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

Material Info

Old Part Number	5556T3
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Reference - Drawing Numbers

Packaging Specification	PK-5556-001
Product Specification	PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-30067-003, RPS-5557-002
Sales Drawing	SD-5556****
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, 30067 Mini-Fit® TPA, 42474 Mini-Fit® BMI Panel Mount, 5559 Mini-Fit Jr.™ Plug Housing, Dual Row

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	0011030044
Hand Crimp Tool for Male and Female	0638190900

Crimp Terminals, 16-24 AWG Wire FineAdjust™	<u>0639002800</u>
Applicator for Insulation OD 2.60-3.15mm Optimized for 16 AWG Only FineAdjust™	<u>0639003000</u>
Applicator for Insulation OD 2.20-2.45mm Optimized for 16 AWG Only FineAdjust™	<u>0639015300</u>
Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only T2 Terminator™	<u>0639102800</u>
for insulation OD 2.60-3.15mm optimized for 16 AWG only T2 Terminator™	<u>0639103000</u>
for insulation OD 2.20-2.45mm optimized for 16 AWG only	
Japan	
Description	Product #
Applicator for M211A	<u>0570223000</u>
Bench Press, 18-24 AWG Wire	
Side-Feed Applicator	<u>0570223200</u>
For Full-Auto Machine	
Hand Extraction Tool	<u>0570316000</u>

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