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Part Number: [39-00-0038](#)

Status: Active

Overview: Mini-Fit Jr.™ Power Connectors

Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Reel



Documents:

[Drawing \(PDF\)](#)
[Product Specification PS-51010-005 \(PDF\)](#)
[Product Specification PS-51010-006 \(PDF\)](#)
[Product Specification PS-51045-001 \(PDF\)](#)
[Product Specification PS-51045-002 \(PDF\)](#)
[Product Specification PS-51045-004 \(PDF\)](#)
[Product Specification PS-51096-001 \(PDF\)](#)

[Product Specification PS-52034-003 \(PDF\)](#)
[Product Specification PS-52034-004 \(PDF\)](#)
[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
 Series
 Application
 Crimp Quality Equipment Overview
 Packaging Alternative
 Product Name
 UPC

Crimp Terminals
 5556
 Power
 Yes
[Mini-Fit Jr.™ Power Connectors](#)
[39-00-0039 \(Loose\)](#)
 Mini-Fit®
 800753585010

Physical

Durability (mating cycles max)
 Gender
 Material - Metal
 Material - Plating Mating
 Material - Plating Termination
 Net Weight
 Packaging Type
 Plating min - Mating
 Plating min - Termination
 Termination Interface: Style
 Wire Insulation Diameter
 Wire Size AWG
 Wire Size mm²

30
 Female
 Brass
 Tin
 Tin
 0.130/g
 Reel
 0.889µm
 0.889µm
 Crimp or Compression
 1.30-3.10mm
 18, 20, 22, 24
 N/A

Electrical

Current - Maximum per Contact
 Voltage - Maximum

9A
 600V

Material Info

Old Part Number

5556T

Reference - Drawing Numbers

Packaging Specification
 Product Specification

PK-5556-001
 PS-51010-005, PS-51010-006, PS-51045-001,
 PS-51045-002, PS-51045-004, PS-51096-001,
 PS-52034-003, PS-52034-004, PS-5556-001,
 PS-5556-002, RPS-30067-001, RPS-30067-002,
 RPS-42474-001, RPS-51045-001, RPS-5557-008,
 RPS-5557-024, RPS-5557-031, RPS-5557-036,
 RPS-5557-037, RPS-5557-045, RPS-5557-046,
 RPS-5566-002

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 #
Hand Crimp Tool for 0638190900 Male and Female Crimp Terminals, 16-24 AWG Wire	

Sales Drawing
Test Summary

SD-5556****
TS-5556-002

T2 Terminator™ for insulation OD 1.65 - 2.05mm - 18 - 24 AWG	0639102900
FineAdjust™ Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	0639023900
T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG	0639115600
T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG	0639123900
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm - 18-24 AWG	0639002600
FineAdjust™ Applicator for Insulation OD 1.65-2.05mm - 18-24 AWG	0639002900
FineAdjust™ Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	0639024900
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	0639124900
T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG	0639102600
FineAdjust™ Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG	0639015600
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	0639024800
T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only	0639124800
Extraction Tool	0011030044
Japan	
Description	Product #
Applicator for M211A	0570223000
Bench Press, 18-24	
AWG Wire	
Side-Feed Applicator	0570223200
For Full-Auto Machine	

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