

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



image - Reference only

Series

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 Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900

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 Bench Press, 18-24 AWG Wire	0570223000
Side-Feed Applicator For Full-Auto Machine	0570223200

This document was generated on 10/15/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[39-00-0038](#) [39-00-0038 \(Mouser Reel\)](#) [39-00-0038 \(Cut Strip\)](#)