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Part Number: [0039000038](#)
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 \(PDF\)](#) [Packaging Specification PK-5556-001 \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-5556-002 \(PDF\)](#)

General

Product Family Crimp Terminals
 Series [5556](#)
 Application Power
 Crimp Quality Equipment Yes
 Overview [Mini-Fit Jr.™ Power Connectors](#)
 Packaging Alternative [39-00-0039 \(Loose\)](#)
 Product Name Mini-Fit®
 UPC 800753585010

Physical

Durability (mating cycles max) 30
 Gender Female
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 0.130/g
 Packaging Type Reel
 Plating min - Mating 0.889µm
 Plating min - Termination 0.889µm
 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 9.0A
 Voltage - Maximum 600V

Solder Process Data

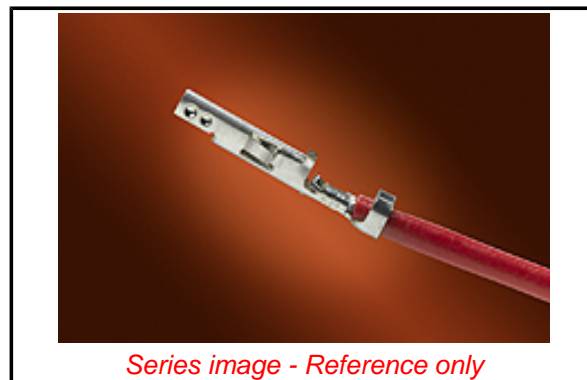
Lead-free Process Capability N/A

Material Info

Old Part Number 5556T

Reference - Drawing Numbers

Packaging Specification [PK-5556-001](#)
 Product Specification [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](#)
 Sales Drawing [SD-5556****](#)



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

Halogen-Free

Status

Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS

ELV

Green Image

Compliant

Search Parts in this Series

[5556 Series](#)

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 #

FineAdjust™ Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire	<u>0639002900</u>
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
Extraction Tool	<u>0011030044</u>
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire	<u>0639002600</u>
FineAdjust™ Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639015600</u>
FineAdjust™ Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639023900</u>
FineAdjust™ Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639024900</u>
T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG	<u>0639102600</u>
T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG	<u>0639102900</u>
T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only	<u>0639124800</u>
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639124900</u>
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<u>0639024800</u>
T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639115600</u>
T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639123900</u>
Japan Description	Product #

Side-Feed Applicator 0570223200
For Full-Auto
Machine
Hand Extraction Tool 0570316000
Applicator for M21 1A 0570223000
Bench Press, 18-24
AWG Wire

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