

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000077

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

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

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

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

5556

Power

Yes

Mini-Fit Jr.™ Power Connectors

39-00-0078 (Loose)

Mini-Fit®

800753627741

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

135.300/mg

Reel

0.889µm

0.889µm

Crimp or Compression

1.80-3.10mm

16

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9.0A

600V

Material Info

Old Part Number

5556T3

Reference - Drawing Numbers

Packaging Specification

Product Specification

PK-5556-001

PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-30067-003, RPS-5557-002

Sales Drawing

Test Summary

SD-5556****

TS-5556-002

Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

China RoHS

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 #

Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900
Extraction Tool	0011030044
FineAdjust™	0639039400
Applicator for Insulation OD 2.20-2.45mm, Optimized for 16 AWG Only	
FineAdjust™	0639041400
Applicator for Mini-Fit Jr.™, Mini-Fit HCS™, and Mini-Fit Plus HCS™ Crimp Terminals, 16 AWG with Large Insulation Diameters	
T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only	0639102800
T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	0639103000
FineAdjust™	0639015300
Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	
Japan	
Description	Product #
Side-Feed Applicator For Full-Auto Machine	0570223200
Hand Extraction Tool	0570316000
Applicator for M211A Bench Press, 18-24 AWG Wire	0570223000