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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)

Packaging Specification PK-5556-001 (PDF)
- Product Specification PS-5556-001 (PDF)

Test Summary TS-5556-002 (PDF)
- Product Specification PS-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

Female

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

9.0A

Voltage - Maximum

600V

Material Info

Old Part Number

5556T3

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



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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 #

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