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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)

Product Specification PS-5556-001 (PDF)

Product Specification PS-5556-002 (PDF)

Packaging Specification PK-5556-001 (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****



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 #
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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