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Part Number:

39-00-0089

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Female Crimp Terminal, Gold (Au) over Brass, 16 AWG, Reel



Series
image - Reference only

- Documents:
- Drawing (PDF)

Product Specification PS-5556-001 (PDF)

Product Specification PS-5556-002 (PDF)

Product Specification PS-58691-004 (PDF)

Application Specification AS-58696-004 (PDF)

Packaging Specification PK-5556-001 (PDF)

Test Summary TS-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	39-00-0090 (Loose)
Product Name	Mini-Fit®
UPC	800754394895

Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	130.000/mg
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
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	9A
Voltage - Maximum	600V

Material Info	
Old Part Number	5556GS3

Reference - Drawing Numbers	
Application Specification	AS-58696-004
Packaging Specification	PK-5556-001
Product Specification	PS-5556-001, PS-5556-002, PS-58691-004, RPS-51200-003, RPS-58691-003, RPS-58719-004
Sales Drawing	SD-5556-006
Test Summary	TS-5556-002

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 2.60-3.15mm optimized for 16 AWG only	<u>0639102800</u>
	FineAdjust™ Applicator for Insulation OD 2.60-3.15mm Optimized for 16 AWG Only	<u>0639002800</u>
	FineAdjust™ Applicator for Insulation OD 2.20-2.45mm Optimized for 16 AWG Only	<u>0639003000</u>
	T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	<u>0639103000</u>
	FineAdjust™ Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	<u>0639015300</u>
	Extraction Tool	<u>0011030044</u>
	Japan	
	Description	Product #
	Applicator for M211A Bench Press, 18-24 AWG Wire	<u>0570223000</u>
	Side-Feed Applicator For Full-Auto Machine	<u>0570223200</u>

This document was generated on 09/02/2014

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