

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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](#)

Documents:

Drawing (PDF)	Application Specification AS-58696-004 (PDF)
Product Specification PS-5556-001 (PDF)	Packaging Specification PK-5556-001 (PDF)
Product Specification PS-5556-002 (PDF)	Test Summary TS-5556-002 (PDF)
Product Specification PS-58691-004 (PDF)	RoHS Certificate of Compliance (PDF)

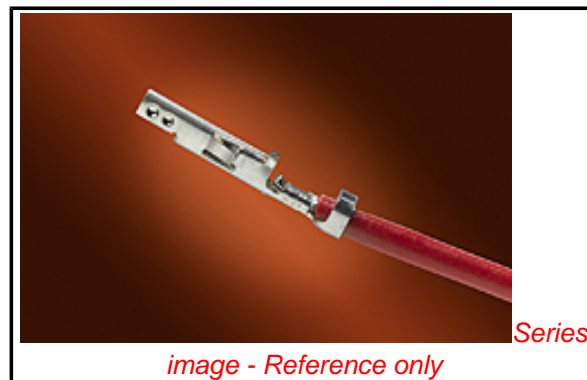


image - Reference only

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

FineAdjust™ Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	<u>0639015300</u>
FineAdjust™ Applicator for Insulation OD 2.60-3.15mm Optimized for 16 AWG Only	<u>0639002800</u>
Extraction Tool	<u>0011030044</u>
T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only	<u>0639102800</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>

Japan

Description	Product #
Side-Feed Applicator For Full-Auto Machine	<u>0570223200</u>
Applicator for M21 1A Bench Press, 18-24 AWG Wire	<u>0570223000</u>

This document was generated on 02/06/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION