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Part Number: [0039000090](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Female Crimp Terminal, Gold (Au) over Brass, 16 AWG, Bag

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-003 \(PDF\)](#)
[Product Specification PS-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 [39-00-0089 \(Reel\)](#)
 Product Name Mini-Fit®
 UPC 800754394956

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 Bag
 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

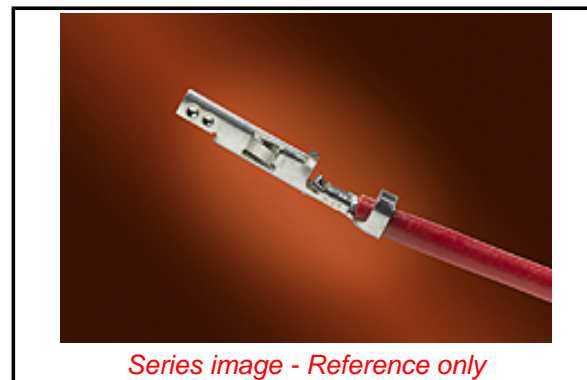
Current - Maximum per Contact 9.0A
 Voltage - Maximum 600V

Material Info

Old Part Number 5556GS3L

Reference - Drawing Numbers

Packaging Specification [PK-5556-003](#)
 Product Specification [PS-5556-001](#), [RPS-51200-003](#)
 Sales Drawing [SD-5556-006](#)



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

Not Relevant

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 [0638190900](#)
Male and Female
Crimp Terminals,
16-24 AWG Wire
Extraction Tool [0011030044](#)

Japan

Description	Product #
Hand Crimp Tool	0570225300
New Handtool (Straight Action)	0570225400

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