

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0039000089**  
**Status:** **Active**  
**Description:** 4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Brass, Gold (Au), 16 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5556-003 (PDF)</a>
<a href="#">Test Summary (PDF)</a>	<a href="#">Product Specification PS-58691-004 (PDF)</a>
<a href="#">Product Specification PS-5556-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5556-002 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	5556
Product Name	Mini-Fit®
Voltage - Maximum	600V

**Physical**

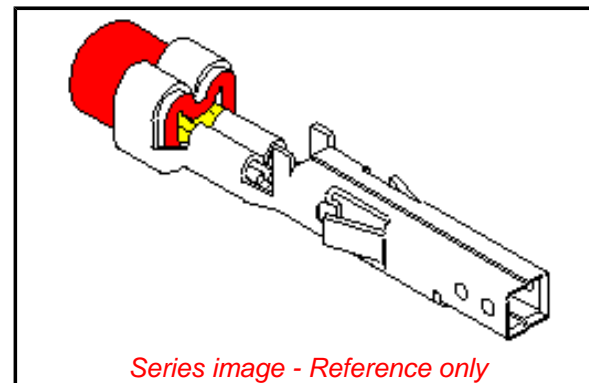
Durability (mating cycles max)	100
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Unplated
Material - Plating Termination	Unplated
Packaging Type	Reel
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	30
Plating min: Termination (µm)	0.76
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm (.071-.122")
Wire Size AWG	16
Wire Size mm²	N/A

**Material Info**

Old Part Number	5556GS3
-----------------	---------

**Reference - Drawing Numbers**

Product Specification	PS-5556-001
Product Specification	PS-5556-002
Product Specification	PS-5556-003
Product Specification	PS-58691-004
Product Specification	RPS-51200-003
Product Specification	RPS-58691-003
Product Specification	RPS-58719-004
Sales Drawing	SD-5556-006



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**  
**Halogen-Free**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

5556 Series

**Mates With**

5558 Male Crimp Terminals, Mini-Fit Jr.™ Header, Dual Row, 5566 , 5569

**Use With**

5557 Mini-Fit Jr.™ Receptacle Housing, 30067 TPA, 42474 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 Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	<a href="#">0638190900</a>
Extraction Tool	<a href="#">0011030044</a>

FineAdjust™ Applicator	<u>0639002800</u>
FineAdjust™ Applicator	<u>0639003000</u>
T2 Terminator Tooling Die	<u>0639102800</u>
T2 Terminator Tooling Die	<u>0639103000</u>
FineAdjust™ Applicator for Mini-Fit Jr.™, Mini-Fit HCS™ Crimp Terminals, 16 AWG and smaller insulation	<u>0639015300</u>

**Japan**

<b>Description</b>	<b>Product #</b>
--------------------	------------------

Applicator for M21 1A Bench Press, 18-24 AWG, for 5556 and 5558 Crimp Terminal Side-Feed Applicator For Full-Auto Machine	<u>0570223000</u> <u>0570223200</u>
---	--

This document was generated on 11/25/2009

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**