

[Molex.com](#)

English  
日本語  
한국어  
简体中文

[Register | Login](#)  
[My Parts \( 0 items \)](#)

Search site: Search:  [Go](#)

- Product Name**
- Cross-Ref**
- Catalog**
- Literature**
- Industries**
- Standards**
- Contact Us**
- About Us**
- Investors**
- Careers**

- [Connectors](#)
- [Sockets](#)
- [I/O Connectors](#)
- [Cable Assemblies](#)
- [Fiber Optics](#)
- [Printed Circuit Products](#)
- [Industrial Products](#)
- [Lighting Products](#)

**Switch Language**

- [Home](#)
- [Crimp Terminals](#)
- [Datasheet](#)

**Need Assistance?**

- [Contact Us](#)
- [Find a Distributor](#)
- [Order Samples](#)
- [Tech Library](#)
- [Ecocare](#)
- [Electrical Models](#)

[Printer-friendly page](#)

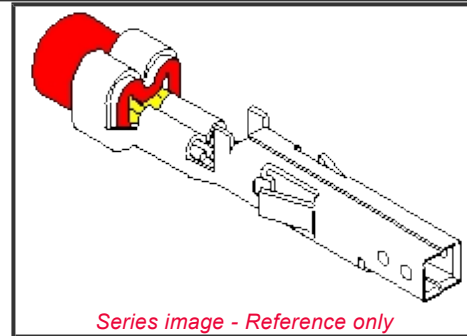
[Email this page](#)

**Part Number:**  
**0039000217**

**Status:**  
**Active**

**Description:**  
4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Phosphor Bronze, Tin (Sn), 16 AWG, Reel

**Documents:** *Note - Please disable browser pop-up blockers for documents on www.molex.com*  
[Drawing \(PDF\)](#)      [Product Specification PS-5556-001 \(PDF\)](#)



**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)

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**

[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 #
FineAdjust™ Applicator	<a href="#">0639002800</a>
FineAdjust™ Applicator	<a href="#">0639003000</a>
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	<a href="#">0638190900</a>
FineAdjust™ Applicator for Mini-Fit Jr.™, Mini-Fit HCS™ Crimp Terminals, 16 AWG and smaller insulation	<a href="#">0639015300</a>
T2 Terminator Tooling Die	<a href="#">0639102800</a>
T2 Terminator Tooling Die	<a href="#">0639103000</a>
Extraction Tool	<a href="#">0011030044</a>
<b>Crimp Quality Equipment</b>	
Molex also offers wire strippers, pull testers, shut-height gauges, micro-meters and more	
<a href="#">Click here for details</a>	

[Product Specification PS-5556-002 \(PDF\)](#) [Prc](#)

**Order Products:**

**Part Detail:** ([show all](#))

[General](#)[Physical](#)[Electrical](#)[Material Info](#)[Reference - Drawing Numbers](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">5556</a>
Product Name	Mini-Fit®

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Packaging Type	Reel
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.54
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.27
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm (.071-.122")
Wire Size AWG	16
Wire Size mm <sup>2</sup>	N/A

**Electrical**(Please review the Product Specification for specific details.)

Current - Maximum per Contact	9A
Voltage - Maximum	600V

**Material Info**

Old Part Number	5556-PBS3P
-----------------	------------

**Reference - Drawing Numbers**

Product Specification	PS-5556-001, PS-5556-002, PS-5556-003
Sales Drawing	SD-5556-SP*