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**Part Number:** [0039000186](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 16 AWG, Bag

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-5556-002 \(PDF\)](#)  
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-5556-002 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [5556](#)  
 Application Power  
 Crimp Quality Equipment Yes  
 Overview [Mini-Fit Jr.™ Power Connectors](#)  
 Packaging Alternative [39-00-0185 \(Reel\)](#)  
 Product Name Mini-Fit®  
 UPC 800754395960

**Physical**

Durability (mating cycles max) 30  
 Gender Female  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 0.130/g  
 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

**Solder Process Data**

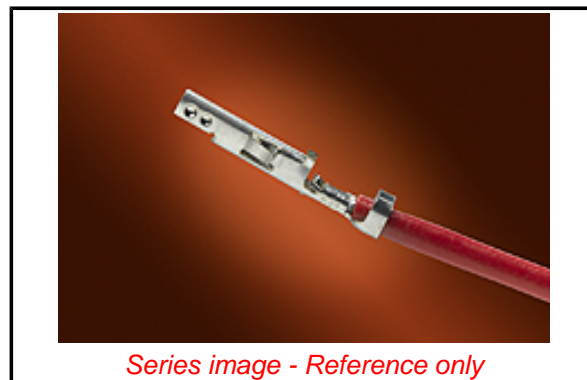
Lead-free Process Capability N/A

**Material Info**

Old Part Number 5556-PBGS3PL

**Reference - Drawing Numbers**

Product Specification PS-5556-001, PS-5556-002  
 Sales Drawing SD-5556-006  
 Test Summary TS-5556-002



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015 June 15): No

**Halogen-Free**

**Status**

**Low-Halogen**

**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.

China ROHS  
ELV

China RoHS  
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, [44516](#) Mini-Fit® BMI Slide and Lock Panel Mount

**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 #
Extraction Tool	<a href="#">0011030044</a>

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

**Japan**

<b>Description</b>	<b>Product #</b>
New Handtool (Straight Action)	<a href="#">0570225400</a>
Hand Crimp Tool	<a href="#">0570225300</a>

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