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**Part Number:** [0039000181](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-001 \(PDF\)](#)  
[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 [39-00-0182 \(Loose\)](#)  
 Product Name Mini-Fit®  
 UPC 800755527933

**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 Reel  
 Plating min - Mating 0.762µm  
 Plating min - Termination 0.762µm  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 1.30-3.10mm  
 Wire Size AWG 18, 20, 22, 24  
 Wire Size mm² N/A

**Electrical**

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

**Solder Process Data**

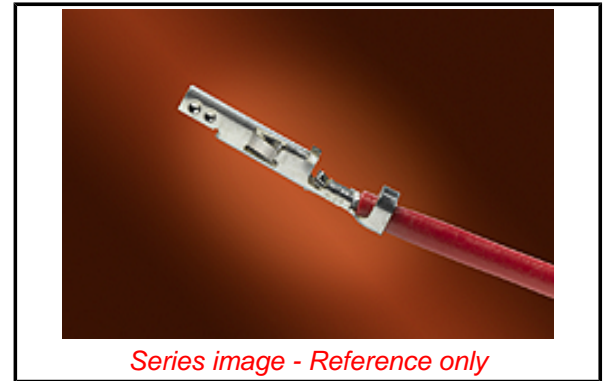
Lead-free Process Capability N/A

**Material Info**

Old Part Number 5556-PBGSP

**Reference - Drawing Numbers**

Packaging Specification PK-5556-001  
 Product Specification PS-5556-001, PS-5556-002  
 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](mailto: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, [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 #**

FineAdjust™ Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire	<u>0639002900</u>
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
Extraction Tool	<u>0011030044</u>
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire	<u>0639002600</u>
FineAdjust™ Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639015600</u>
FineAdjust™ Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639023900</u>
FineAdjust™ Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639024900</u>
T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG	<u>0639102600</u>
T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG	<u>0639102900</u>
T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only	<u>0639124800</u>
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639124900</u>
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<u>0639024800</u>
T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639115600</u>
T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639123900</u>
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>

Side-Feed Applicator 0570223200  
For Full-Auto  
Machine  
Applicator for M21 1A 0570223000  
Bench Press, 18-24  
AWG Wire

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