

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

**Part Number:** [0039000183](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 22-28 AWG, Reel

**Documents:**

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

**General**

Product Family	Crimp Terminals
Series	<a href="#">5556</a>
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Packaging Alternative	<a href="#">39-00-0184 (Loose)</a>
Product Name	Mini-Fit®
UPC	800754395861

**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	0.90-1.80mm
Wire Size AWG	22, 24, 26, 28
Wire Size mm²	N/A

**Electrical**

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

**Solder Process Data**

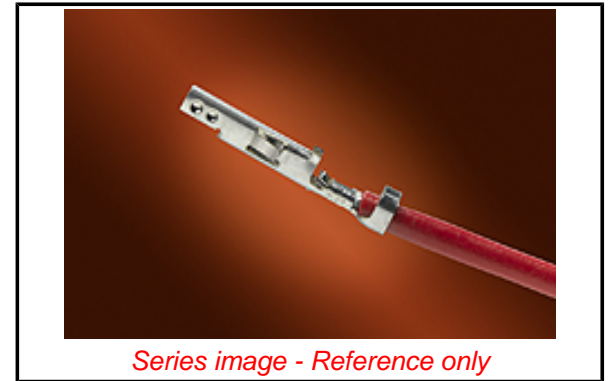
Lead-free Process Capability	N/A
------------------------------	-----

**Material Info**

Old Part Number	5556-PBGS2P
-----------------	-------------

**Reference - Drawing Numbers**

Packaging Specification	<a href="#">PK-5556-001</a>
Product Specification	<a href="#">PS-5556-001</a> , <a href="#">PS-5556-002</a>
Sales Drawing	<a href="#">SD-5556-006</a>
Test Summary	<a href="#">TS-5556-002</a>



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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 1.10-1.30mm - 22-28 AWG	<u>0639020200</u>
FineAdjust™ Applicator for Insulation OD 0.95-1.08mm - 22-28 AWG	<u>0639023800</u>
FineAdjust™ Applicator for Insulation OD 1.30-1.50mm, 22-28 AWG Wire	<u>0639002700</u>
T2 Terminator™ for insulation OD 1.30-1.50mm - 22-28 AWG	<u>0639102700</u>
T2 Terminator™ for insulation OD 0.95-1.08mm - 22-28 AWG	<u>0639123800</u>
Hand Crimp Tool for Crimp Terminals	<u>0638191000</u>
T2 Terminator™ for insulation OD 1.10-1.30mm - 22-28 AWG	<u>0639120200</u>
Extraction Tool	<u>0011030044</u>

This document was generated on 03/30/2016

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