

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

**Part Number:** [0039000046](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 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="#">39-00-0047 (Loose)</a>
Product Name	Mini-Fit®
UPC	800753627710

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	123.000/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
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	5556T2
-----------------	--------

**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> , <a href="#">RPS-30067-001</a> , <a href="#">RPS-30067-002</a> , <a href="#">RPS-5557-031</a>
Sales Drawing	<a href="#">SD-5556****</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, [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 #**

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

**Japan**

<b>Description</b>	<b>Product #</b>
Hand Extraction Tool	<u>0570316000</u>
Applicator for M21 1A	<u>0570383000</u>
Bench Press, 22-28	
AWG Wire	

This document was generated on 06/10/2016

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