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**Part Number:** [0039000428](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit® Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-51010-007 (PDF)</a>	<a href="#">Test Summary TS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-52034-005 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5556-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Packaging Alternative	<a href="#">39-00-0429 (Loose)</a>
Product Name	Mini-Fit®
UPC	822348149391

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	130.000/mg
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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**

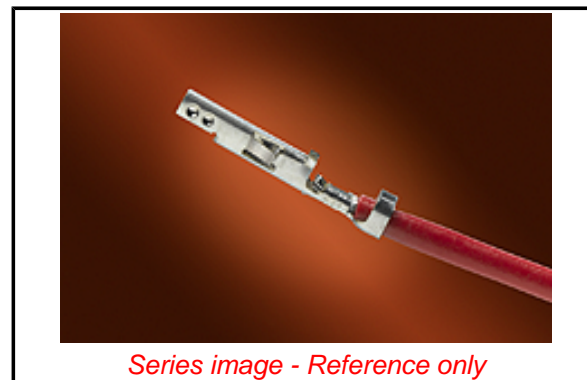
Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

**Material Info**

Old Part Number	5556GS7F
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**Reference - Drawing Numbers**

Product Specification	PS-51010-007, PS-52034-005, PS-5556-001, PS-5556-002, RPS-501609-001, RPS-501609-002
Sales Drawing	SD-5556-006
Test Summary	TS-5556-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**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

**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

[0639024800](#)

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

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