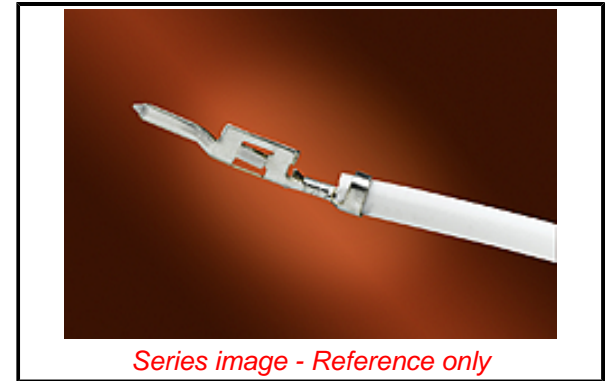


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039000095](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Male Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 16 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-5556-001 (PDF)</a>	<a href="#">Application Specification AS-58696-004-001 (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	<a href="#">Packaging Specification PK-5558-001 (PDF)</a>
<a href="#">Product Specification PS-58691-004-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Terminals
Series	<a href="#">5558</a>
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Packaging Alternative	<a href="#">39-00-0096 (Loose)</a>
Product Name	Mini-Fit®
UPC	800754394994

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	125.900/mg
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.032µm
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

**Material Info**

Engineering Number	5558GS3
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**Reference - Drawing Numbers**

Application Specification	AS-58696-004-001
Packaging Specification	PK-5558-001
Product Specification	PS-5556-001, PS-5556-002-001, PS-58691-004-001, TS-5556-002-001
Sales Drawing	SD-5558-002

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[5558 Series](#)

**Mates With**

[5556 Mini-Fit® Crimp Terminal](#)

**Use With**

[5559 Mini-Fit Jr.™ Plug Housing](#)