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**Part Number:** [0039000224](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** [Mini-Fit® Male Crimp Terminal, Phosphor Bronze, Gold \(Au\), 16 AWG, Bag](#)

**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="#">Packaging Specification PK-5556-003 (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (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="#">39-00-0223 (Reel)</a>
Product Name	Mini-Fit®
UPC	800754396509

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	126.914/mg
Packaging Type	Bag
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

**Solder Process Data**

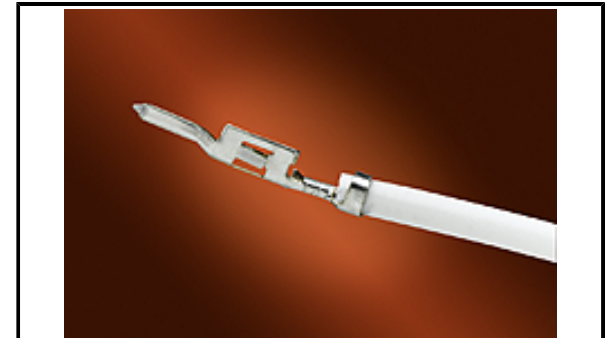
Lead-freeProcess Capability	N/A
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**Material Info**

Engineering Number	5558PBGS3L
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**Reference - Drawing Numbers**

Packaging Specification	PK-5556-003
Product Specification	PS-5556-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5558-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
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](#), [30068 Mini-Fit® TPA Plug Housing](#), [42475 Mini-Fit® BMI Plug Housing](#)