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**Part Number:** [39-00-0221](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** [Mini-Fit® Male Crimp Terminal, Phosphor Bronze, Gold \(Au\), 22-28 AWG, Reel](#)

**Documents:**

<a href="#">Drawing (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>
<a href="#">Packaging Specification PK-5558-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	5558
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Packaging Alternative	<a href="#">39-00-0222 (Loose)</a>
Product Name	Mini-Fit®
UPC	800754396417

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	120.822/mg
Packaging Type	Reel
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**

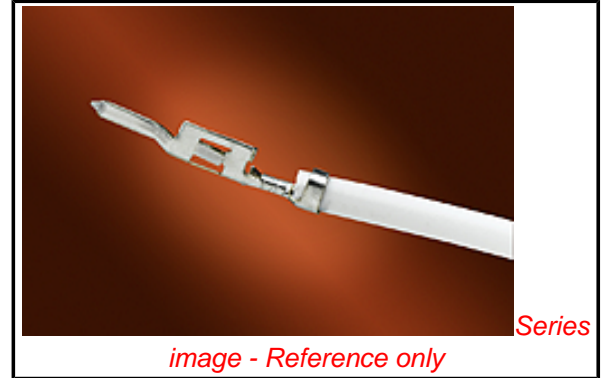
Current - Maximum per Contact	9A
Voltage - Maximum	600V

**Material Info**

Old Part Number	5558PBGS2
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**Reference - Drawing Numbers**

Packaging Specification	PK-5558-001
Product Specification	PS-5556-002
Sales Drawing	SD-5558-002
Test Summary	TS-5556-002



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[5558Series](#)

**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

**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 #
Hand Crimp Tool for Crimp Terminals	<a href="#">0638191000</a>
FineAdjust™ Applicator for Insulation OD	<a href="#">0639002700</a>

1.30-1.50mm - 22-28  
AWG  
T2 Terminator™ 0639120200  
for insulation OD  
1.10-1.30mm - 22-28  
AWG  
T2 Terminator™ 0639123800  
for insulation OD  
0.95-1.08mm - 22-28  
AWG  
T2 Terminator™ 0639102700  
for insulation OD  
1.30-1.50mm - 22-28  
AWG  
FineAdjust™ 0639020200  
Applicator for  
Insulation OD  
1.10-1.30mm - 22-28  
AWG  
FineAdjust™ 0639023800  
Applicator for  
Insulation OD  
0.95-1.08mm - 22-28  
AWG

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