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**Part Number:** [0039000221](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** [Mini-Fit® Male Crimp Terminal, Phosphor Bronze, Gold \(Au\), 22-28 AWG, Reel](#)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-5558-001 \(PDF\)](#)  
[Product Specification PS-5556-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family [Crimp Terminals](#)  
Series [5558](#)  
Application [Power](#)  
Crimp Quality Equipment [Yes](#)  
Overview [Mini-Fit Jr.™ Power Connectors](#)  
Packaging Alternative [39-00-0222 \(Loose\)](#)  
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 mm<sup>2</sup> [N/A](#)

**Electrical**

Current - Maximum per Contact [9.0A](#)  
Voltage - Maximum [600V](#)

**Solder Process Data**

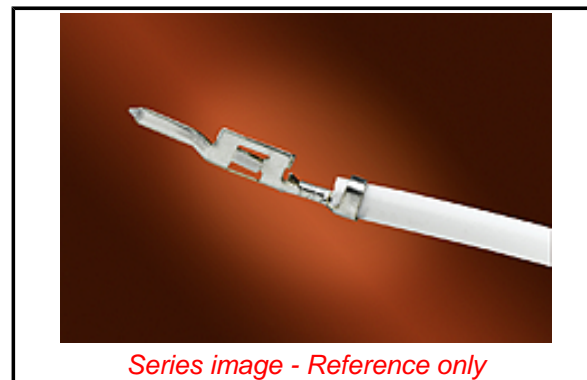
Lead-freeProcess Capability [N/A](#)

**Material Info**

Engineering Number [5558PBGS2](#)

**Reference - Drawing Numbers**

Packaging Specification [PK-5558-001](#)  
Product Specification [PS-5556-002](#)  
Sales Drawing [SD-5558-002](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**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**

[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](#)

**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 [0638191000](#)  
Crimp Terminals

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

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