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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 \(PDF\)](#) [Product Specification TS-5556-002-001 \(PDF\)](#)  
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-5556-002-001 \(PDF\)](#)

**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 mm² N/A

**Electrical**

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

**Solder Process Data**

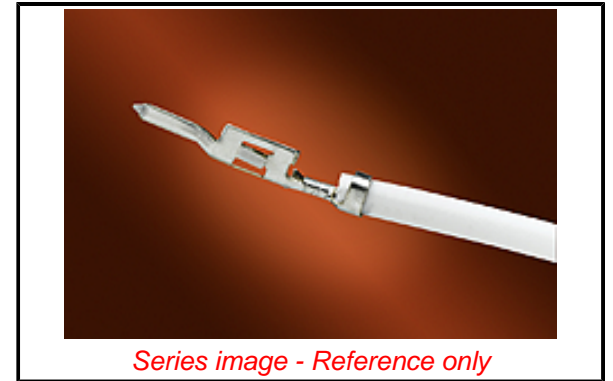
Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 5558PBGS2

**Reference - Drawing Numbers**

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/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

RoHS Phthalates

Green Image

Not Relevant

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](#)

**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™ 0639002700  
Applicator for  
Insulation OD  
1.30-1.50mm, 22-28  
AWG Wire  
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  
T2 Terminator™ 0639102700  
for insulation OD  
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

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