

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

**Part Number:** [0039000430](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 18-24 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**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="#">39-00-0431 (Loose)</a>             |
| Product Name            | Mini-Fit®                                      |
| UPC                     | 822348149384                                   |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.126/g              |
| Packaging Type                 | Reel                 |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.30-3.10mm          |
| Wire Size AWG                  | 18, 20, 22, 24       |
| Wire Size mm²                  | N/A                  |

**Electrical**

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

**Solder Process Data**

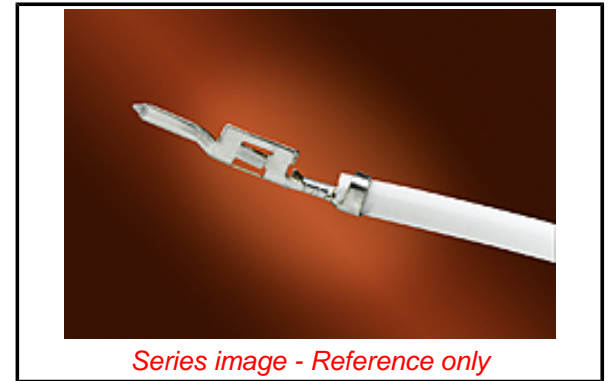
|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

|                 |           |
|-----------------|-----------|
| Old Part Number | 5558-GS7F |
|-----------------|-----------|

**Reference - Drawing Numbers**

|               |             |
|---------------|-------------|
| 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](#)

**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**

FineAdjust™  
Applicator for  
Insulation OD

**Product #**

[0639002900](#)

1.65-2.05mm, 18-24  
 AWG Wire  
 Hand Crimp Tool for [0638190900](#)  
 Male and Female  
 Crimp Terminals,  
 16-24 AWG Wire  
 Extraction Tool [0011030044](#)  
 FineAdjust™ [0639002600](#)  
 Applicator for  
 Insulation OD  
 2.50-2.95mm, 18-24  
 AWG Wire  
 FineAdjust™ [0639015600](#)  
 Applicator for  
 Insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 FineAdjust™ [0639023900](#)  
 Applicator for  
 Insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 FineAdjust™ [0639024900](#)  
 Applicator for  
 Insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 T2 Terminator™ [0639102600](#)  
 for insulation OD  
 2.50-2.95mm - 18-24  
 AWG  
 T2 Terminator™ for [0639102900](#)  
 insulation OD 1.65  
 – 2.05mm – 18 – 24  
 AWG  
 T2 Terminator™ [0639124800](#)  
 for insulation OD  
 2.50-2.95mm  
 optimized for 18  
 AWG only  
 T2 Terminator™ [0639124900](#)  
 for insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 FineAdjust™ [0639024800](#)  
 Applicator for  
 Insulation OD  
 2.50-2.95mm  
 Optimized for 18  
 AWG Only  
 T2 Terminator™ [0639115600](#)  
 for insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 T2 Terminator™ [0639123900](#)  
 for insulation OD  
 1.40-1.70mm - 18-24  
 AWG

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