



**Part Number :** [39000432](#)  
**Product Description :** Mini-Fit Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 28-22 AWG, Reel  
**Series Number :** 5558  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 5558GS27F  
**Packaging Alternative :** [39000433 \(Bag\)](#)



## Documents & Resources

### Drawings


[Drawing 039000432\\_sd.pdf](#)  
[Packaging Design Drawing 55580001-PK-000.pdf](#)

### Specifications

[Application Specification 55560001-AS-000.pdf](#)  
[Product Specification PS-51010-007-001.pdf](#)  
[Product Specification PS-52034-005-001.pdf](#)  
[Product Specification 55560002-PS-CH-000.pdf](#)  
[Product Specification 55560002-PS-ES-000.pdf](#)  
[Product Specification 55560002-PS-SK-000.pdf](#)  
[Product Specification PS-5556-001-001.pdf](#)  
[Product Specification PS-5556-002-001.pdf](#)  
[Test Summary 55560010-TS-000.pdf](#)  
[Test Summary TS-5556-002-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

## Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	5558
Description	Mini-Fit Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 28-22 AWG, Reel
Application	Power, Wire-to-Wire
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit
UPC	822348213993

#### Electrical

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

#### Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
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

## Use with Part(s)

Description	Part Number
Mini-Fit Jr. Plug Housings	<u>5559</u>
Mini-Fit BMI Dual Row Plug Housings	<u>42475</u>
Mini-Fit Jr. Dual Row Plug Housings	<u>46993</u>

## Application Tooling

### Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG	<u>638191000</u>
FineAdjust Applicator for Insulation Diameter 1.30-1.50mm, 28-22 AWG Wire	<u>639002700</u>
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 28-22 AWG	<u>639020200</u>
FineAdjust Applicator for Insulation OD 0.95-1.08mm - 28-22 AWG	<u>639023800</u>
T2 Terminator for Insulation OD 1.30-1.50mm, 28-22 AWG	<u>639102700</u>
T2 Terminator for insulation OD 1.10-1.30mm - 28-22 AWG	<u>639120200</u>
T2 Terminator for Insulation Diameter 0.95-1.08mm, 28-22 AWG	<u>639123800</u>