



Part Number : [39000432](#)

Product Description : Mini-Fit Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 22-28 AWG, Reel

Series Number : 5558

Status : Active

Product Category : Crimp Terminals

Engineering Number : 5558GS27F

Packaging Alternative : 0039000433 (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(2023)3788-DC (14 Jun 2023)
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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	5558
Description	Mini-Fit Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 22-28 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
Net Weight	300.000/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 ²	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>

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>0011030044</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 22-28 AWG	<u>0638191000</u>
FineAdjust Applicator for Insulation Diameter 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 Diameter 0.95-1.08mm, 22-28 AWG	<u>0639123800</u>

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