



Part Number : [39000433](#)

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

Series Number : 5558

Status : Active

Product Category : Crimp Terminals

Engineering Number : 5558GS2L7F

Packaging Alternative : 39000432 (Reel)

Documents & Resources

Drawings

[Drawing 039000433_sd.pdf](#)

[Packaging Design Drawing PK-5556-003-001.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	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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

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, Loose
Application	Power, Wire-to-Wire
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit
UPC	822348214006

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	455.873/mg
Packaging Type	Bag
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

Solder Process Data

Lead-Free Process Capability	N/A
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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, 22-28 AWG	<u>638191000</u>