



Part Number : [39000433](#)

Product Description : Mini-Fit Male Crimp Terminal,
0.76µm Selective Gold (Au) Plated Brass, Lead-Free,
28-22 AWG, Bag

Series Number : 5558

Status : Active

Product Category : Crimp Terminals

Engineering Part Number : 5558GS2L7F

Packaging Alternative : [39000432](#) (Reel)



Documents and Resources

Drawings

[039000433 sd.pdf](#)

[PK-5556-003-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[55560001-AS-000.pdf](#)

[55560002-AS-000.pdf](#)

[PS-51010-007-001.pdf](#)

[PS-52034-005-001.pdf](#)

[55560002-PS-CH-000.pdf](#)

[55560002-PS-ES-000.pdf](#)

[55560002-PS-SK-000.pdf](#)

[PS-5556-001-001.pdf](#)

[PS-5556-002-001.pdf](#)


[55560001-TS-000.pdf](#)

[55560010-TS-000.pdf](#)

[TS-5556-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	5558
Description	Mini-Fit Male Crimp Terminal, 0.76µm Selective Gold (Au) Plated Brass, Lead-Free, 28-22 AWG, Bag
Application	Power, Wire-to-Wire
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
Plating min - Mating	0.760µm
Plating min - Termination	2.032µm
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
------------------------------	-----

Mates With / Use With

Use with Part(s)

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

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>

This document was generated on Apr 11, 2026