



**Part Number :** [39000048](#)

**Product Description :** Mini-Fit Male Crimp Terminal, Matte Tin (Sn) Plated Brass, 28-22 AWG, Reel

**Series Number :** 5558

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Part Number :** 5558T2

**Packaging Alternative :** [39000049](#) (Bag)



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## Documents and Resources

### Drawings

[039000048\\_sd.pdf](#)

[55580001-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

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

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

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

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

[55560008-TS-000.pdf](#)

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

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

[55560000-TS-000.pdf](#)

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

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

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


### Tooling Specifications

[CS-5556X2\\_5558X2-031.pdf](#)

[CS-5556X2\\_5558X2-032.pdf](#)

# Product Environment Compliance

## Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	5558
Description	Mini-Fit Male Crimp Terminal, Matte Tin (Sn) Plated Brass, 28-22 AWG, Reel
Application	Power, Wire-to-Wire
Product Name	Mini-Fit
UPC	800753584617

## Electrical

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

## Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.164/g
Packaging Type	Reel
Plating min - Mating	0.900µm
Plating min - Termination	0.900µm
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

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### 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>

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## 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>

## Japan

Description	Part Number
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 28-22 AWG	<u>570223720</u>
Hand Extraction Tool	<u>570316000</u>

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