



Part Number : [39000224](#)

Product Description : Mini-Fit Male Crimp Terminal,
0.76µm Selective Gold (Au) Plated Phosphor Bronze,
16 AWG, Bag

Series Number : 5558

Status : Active

Product Category : Crimp Terminals

Engineering Part Number : 5558PBGS3L

Packaging Alternative : [39000223](#) (Reel)



Documents and Resources

Drawings

[039000224 sd.pdf](#)

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

[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
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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 Phosphor Bronze, 16 AWG, Bag
Application	Wire-to-Wire
Product Name	Mini-Fit
UPC	800754396509

Electrical

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

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	126.914/mg
Packaging Type	Bag
Plating min - Mating	0.760µm
Plating min - Termination	2.032µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size (AWG)	16
Wire Size mm ²	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>

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
Hand Crimp Tool for Mini-Fit Jr.	<u>2002182200</u>

Male and Female Crimp Terminals, 16 AWG	
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