



Part Number : [39000453](#)
Product Description : Mini-Fit Female Crimp
Terminal, Reflowed Matte Tin Over Copper, 28-22
AWG, Reel
Series Number : 5556
Status : Active
Product Category : Crimp Terminals
Engineering Number : 5556T2A



Documents & Resources

Drawings

- [039000453 sd.pdf](#)
- [55560001-PK-000.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [55560001-AS-000.pdf](#)
- [55560002-AS-000.pdf](#)
- [55560008-TS-000.pdf](#)
- [PS-5556-001-001.pdf](#)
- [55560010-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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)4165-DC (25 June 2025)
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	5556
Description	Mini-Fit Female Crimp Terminal, Reflowed Matte Tin Over Copper, 28-22 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit
UPC	822350856089

Electrical

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

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin

Net Weight	0.130/g
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

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Crimp Terminals	<u>638237200</u>
Hand Crimp Tool for Crimp Terminals	<u>638253100</u>