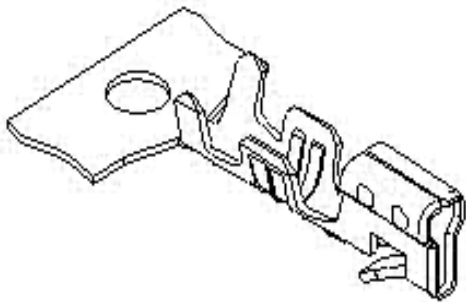




Part Number : [08700056](#)
Series Number : 5103
Status : Active - Proprietary
Product Category : Crimp Terminals
Engineering Part Number : 5103T



Drawings

[008700056 sd.pdf](#)
[008700056 stp.zip](#)

Specifications

[SPK-5103-001-001.pdf](#)
[PS-5045-001-001.pdf](#)
[PS-5045-002-001.pdf](#)
[PS-5102-004-001.pdf](#)
[PS-5103-001-001.pdf](#)
[PS-5103-002-001.pdf](#)

Tooling Specifications

[CS-5103-001.pdf](#)
[CS-5103A-001.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)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 - Proprietary
Category	Crimp Terminals
Series	5103
Description	SPOX Crimp Terminal 5103, 28-22 AWG, Reel, Brass (CuZn), Chain Type
Application	Signal, Wire-to-Board
Product Name	SPOX
UPC	800753534773

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.094/g
Packaging Type	Reel

Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.90mm max.
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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Application Tooling

Global

Description	Part Number
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	<u>638131500</u>
Hand Crimp Tool for 2.50mm Pitch SPOX Crimp Terminal, 28-22 AWG	<u>638281900</u>
FineAdjust Applicator for Wire-to-Board and Wire-to-Wire Terminal, 28-22 AWG Wire	<u>639004600</u>