



Part Number : 08700056

Series Number : 5103

Product Category : Crimp Terminals

Product Description : SPOX Crimp Terminal 5103, 28-22 AWG, Reel, Brass (CuZn), Chain Type

Status : New Business Not Supported

Engineering Number : 5103T

Documents & Resources


Tooling Specifications

Crimp Specification CS-5103-001.pdf

Crimp Specification CS-5103A-001.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|---|
| Status | New Business Not Supported |
| Category | Crimp Terminals |
| Series | 5103 |
| Description | SPOX Crimp Terminal 5103, 28-22 AWG, Reel, Brass (CuZn), Chain Type |
| Application | Signal, Wire-to-Board |
| Product Family | SPOX Connector System |
| 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 |
|------------------------------|-----|

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> |
| T2 Terminator Tooling Die | <u>639104600</u> |