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Part Number: [0008700057](#)
Status: **Active**
Overview: [SPOX™ BMI](#)
Description: SPOX™ Crimp Terminal 5103, 22-28 AWG, Bag, Brass (CuZn), Loose Type, Lead Free

Documents:

| | |
|---|---|
| Drawing (PDF) | Product Specification PS-5102-008 (PDF) |
| Product Specification PS-5045-001 (PDF) | Product Specification PS-5103-001 (PDF) |
| Product Specification PS-5045-002 (PDF) | Product Specification PS-5103-002 (PDF) |
| Product Specification PS-5102-002 (PDF) | Related Catalog Page (PDF) |
| Product Specification PS-5102-004 (PDF) | |

General

| | |
|-------------------|---------------------------|
| Product Family | Crimp Terminals |
| Series | 5103 |
| Current - Maximum | 3A |
| Overview | SPOX™ BMI |
| Product Name | SPOX™ |
| Voltage - Maximum | 250V |

Physical

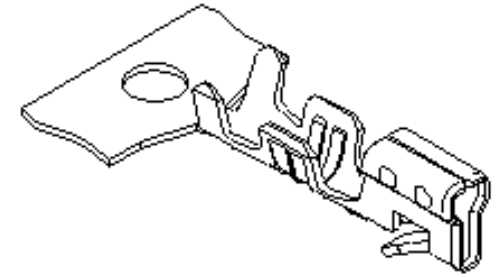
| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Packaging Type | Bag |
| Plating min: Mating (µin) | 35 |
| Plating min: Mating (µm) | 0.88 |
| Plating min: Termination (µin) | 35 |
| Plating min: Termination (µm) | 0.88 |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.90mm (.075") max. |
| Wire Size AWG | 22 |
| Wire Size AWG | 24 |
| Wire Size AWG | 26 |
| Wire Size AWG | 28 |
| Wire Size mm² | N/A |

Material Info

| | |
|-----------------|--------|
| Old Part Number | 5103TL |
|-----------------|--------|

Reference - Drawing Numbers

| | |
|-----------------------|-------------------------------|
| Product Specification | PS-5045-001 |
| Product Specification | PS-5045-002 |
| Product Specification | PS-5102-002 |
| Product Specification | PS-5102-004 |
| Product Specification | PS-5102-008 |
| Product Specification | PS-5103-001 |
| Product Specification | PS-5103-002 |
| Product Specification | RPS-35155-101 |
| Product Specification | RPS-35155-102 |
| Sales Drawing | SD-5103-002 |



Series image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

HFLH

Halogen-Free

Search Parts in this Series

[5103](#) Series

Use With

[5102](#) Crimp Housing, [5207](#) Mini SPOX Housing

Application Tooling

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description | Product # |
|------------------------|----------------------------|
| Hand Crimp Tool | 0638115200 |
| Manual Extraction Tool | 0638131500 |

Japan

| Description | Product # |
|-----------------|----------------------------|
| Hand Crimp Tool | 0011260095 |
| JHTR5907 | |

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