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**Part Number:** [0008700056](#)  
**Status:** **Active**  
**Overview:** SPOX™ BMI Connector System  
**Description:** SPOX™ Crimp Terminal 5103, 22-28 AWG, Reel, Brass (CuZn), Chain Type

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                                    | <a href="#">Product Specification PS-5103-001 (PDF)</a>        |
| <a href="#">Drawing (PDF)</a>                               | <a href="#">Product Specification PS-5103-002 (PDF)</a>        |
| <a href="#">Product Specification PS-5045-001 (PDF)</a>     | <a href="#">Packaging Specification SPK-5103-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-5045-002 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification PS-5102-004-001 (PDF)</a> |  |

**General**

|                         |                                   |
|-------------------------|-----------------------------------|
| Product Family          | Crimp Terminals                   |
| Series                  | <a href="#">5103</a>              |
| Application             | Signal                            |
| Crimp Quality Equipment | Yes                               |
| Overview                | <u>SPOX™ BMI Connector System</u> |
| Product Name            | SPOX™                             |
| UPC                     | 800753534773                      |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 58.000/mg            |
| 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 mm²                  | N/A                  |

**Electrical**

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

**Solder Process Data**

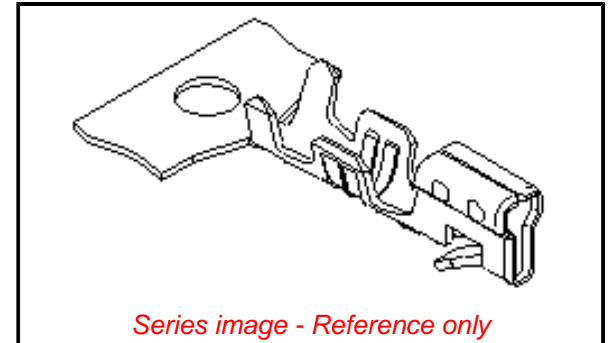
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |       |
|--------------------|-------|
| Engineering Number | 5103T |
|--------------------|-------|

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Crimp Specification     | CS-5103, CS-5103A  |
| Packaging Specification | SPK-5103-001-001   |
| Product Specification   | PS-5045-001, PS-5045-002, PS-5102-004-001,<br>PS-5103-001, PS-5103-002 |
| Sales Drawing           | SD-5103-002  |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

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environmental compliance?**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[5103 Series](#)

**Use With**

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

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