

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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	<u>5103</u>
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 mm <sup>2</sup>	N/A

**Electrical**

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

**Solder Process Data**

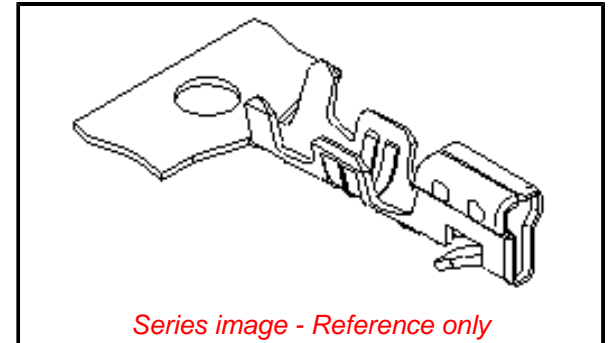
Lead-free Process Capability	N/A
------------------------------	-----

**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, PS-5103-001, PS-5103-002
Sales Drawing	SD-5103-002



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
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