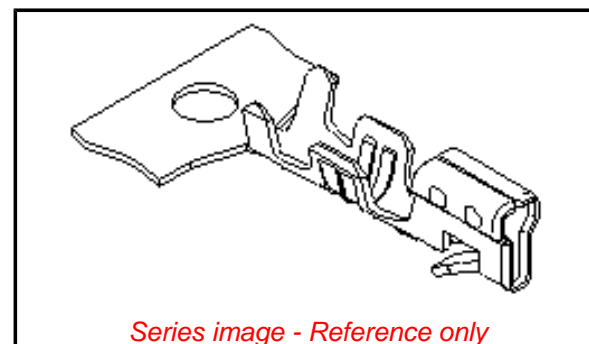


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5045-002 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	5103
Application	Signal
Crimp Quality Equipment	Yes
Overview	<a href="#">SPOX™ BMI Connector System</a>
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
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**Material Info**

Old Part Number	5103T
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**Reference - Drawing Numbers**

Crimp Specification	CS-5103, CS-5103A
Product Specification	PS-5045-001, PS-5045-002, PS-5103-001, PS-5103-002
Sales Drawing	SD-5103-002

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

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

**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

Green Image  
Not Relevant

**Search Parts in this Series**

[5103 Series](#)

**Use With**

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

**Application Tooling | FAQ**

*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 for Crimp Terminals	<a href="#">0638115200</a>
Manual Extraction Tool	<a href="#">0638131500</a>
FineAdjust™ Applicator for Wire-to-Board and Wire-	<a href="#">0639004600</a>

to-Wire Terminal,  
22-28 AWG Wire  
T2 Terminator 0639104600  
Tooling Die

This document was generated on 07/12/2016

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