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**Part Number:** **0008700058**  
**Status:** **Active**  
**Overview:** SPOX™ BMI Connector System  
**Description:** SPOX™ Crimp Terminal 5103, 22-28 AWG, Reel, Phosphor Bronze (CuSn), Chain Type

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5103-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5103-004 (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>
Packaging Alternative	<u>08-70-0059 (Loose)</u>
Product Name	SPOX™
UPC	800753534797

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	60.000/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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**

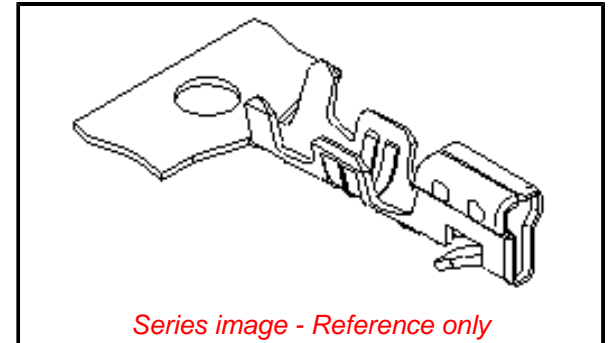
Lead-free Process Capability	N/A
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**Material Info**

Engineering Number	5103PBT
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**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-5103-003, PS-5103-004
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**

**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

**China RoHS**

**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	<u>0638115200</u>
Manual Extraction Tool	<u>0638131500</u>
FineAdjust™ Applicator for Wire-	<u>0639004600</u>

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

This document was generated on 11/18/2016

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