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**Part Number:** [0008700056](#)  
**Status:** **Active**  
**Overview:** SPOX Connector System  
**Description:** SPOX Crimp Terminal 5103, 22-28 AWG, Reel, Brass (CuZn), Chain Type  
**Replacement Part Number :** <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=008700058987000589>

**Documents:**

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

**General**

Product Family	Crimp Terminals
Series	<a href="#">5103</a>
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<a href="#">SPOX Connector System</a>
Product Name	SPOX
Replacement Part Number	<a href="#">87000589</a>
Replacement Part Number	Raw material difference
UPC	800753534773

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.120/g
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**

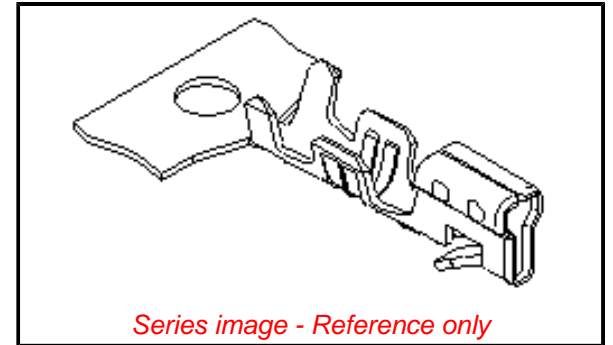
Lead-freeProcess Capability	N/A
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**Material Info**

Engineering Number	5103T
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**Reference - Drawing Numbers**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**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 #**

Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	<a href="#">638131500</a>
Hand Crimp Tool for 2.50mm Pitch SPOX Crimp Terminal, 22-28 AWG	<a href="#">638281900</a>
FineAdjust Applicator for Wire-to-Board	<a href="#">639004600</a>

and Wire-to-Wire  
Terminal, 22-28  
AWG Wire  
T2 Terminator 639104600  
Tooling Die

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