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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:

3D Model	Product Specification PS-5102-004-001 (PDF)
3D Model (PDF)	Product Specification PS-5103-001-001 (PDF)
Drawing (PDF)	Product Specification PS-5103-002-001 (PDF)
Product Specification PS-5045-001-001 (PDF)	Packaging Specification SPK-5103-001-001 (PDF)
Product Specification PS-5045-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	5103
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	SPOX Connector System
Product Name	SPOX
Replacement Part Number	87000589
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 mm²	N/A

Electrical

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

Solder Process Data

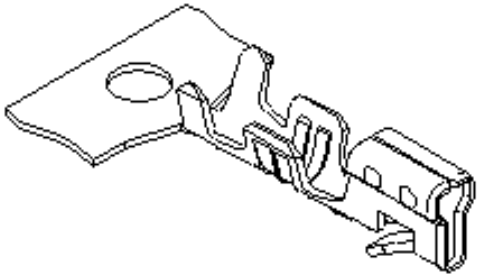
Lead-freeProcess Capability	N/A
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Material Info

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



Series image - Reference only

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	638131500
Hand Crimp Tool for 2.50mm Pitch SPOX Crimp Terminal, 22-28 AWG	638281900
FineAdjust Applicator for Wire-to-Board	639004600

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

639104600

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[08-70-0056 \(Mouser Reel\)](#) [08-70-0056 \(Cut Strip\)](#)