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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:

3D Model	Product Specification PS-5102-004-001 (PDF)
Drawing (PDF)	Product Specification PS-5103-003 (PDF)
3D Model (PDF)	Product Specification PS-5103-004 (PDF)
Product Specification PS-5045-001 (PDF)	Packaging Specification SPK-5103-001-001 (PDF)
Product Specification PS-5045-002 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	5103
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	SPOX BMI Connector System
Packaging Alternative	08700059 (Loose)
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 mm ²	N/A

Electrical

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

Solder Process Data

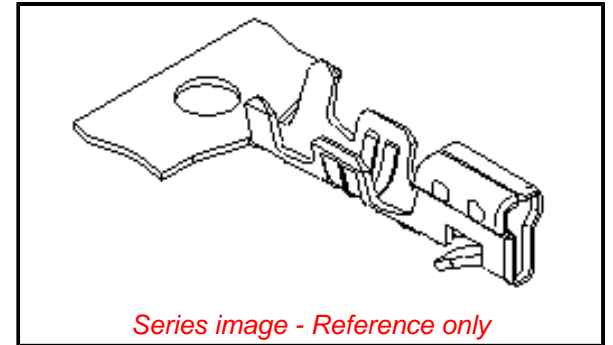
Lead-free Process Capability	N/A
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Material Info

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 -
D(2020)4578-DC (25
June 2020)

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