

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008700058

Status:

Active

Overview:

spox_bmi

Description:

SPOX™ Crimp Terminal 5103, 22-28 AWG, Reel, Phosphor Bronze (CuSn), Chain Type, Lead Free

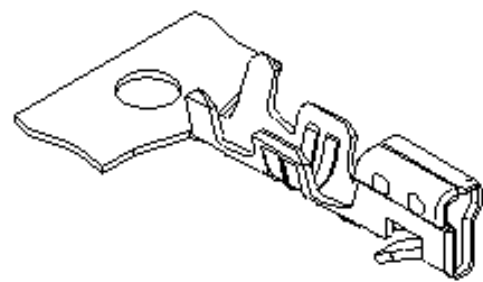


image - Reference only

Series

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-5045-001 \(PDF\)](#)
- [Product Specification PS-5045-002 \(PDF\)](#)
- [Product Specification PS-5102-002 \(PDF\)](#)
- [Product Specification PS-5102-004 \(PDF\)](#)
- [Product Specification PS-5102-008 \(PDF\)](#)
- [Product Specification PS-5103-003 \(PDF\)](#)
- [Product Specification PS-5103-004 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

5103

Yes

spox_bmi

SPOX™

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

30

Female

Phosphor Bronze

Tin

Tin

Reel

36

0.90

36

0.90

Crimp or Compression

1.90mm (.075") max.

22, 24, 26, 28

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

3A

250V

Material Info

Old Part Number

5103PBT

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-5045-001, PS-5045-002, PS-5102-002, PS-5102-004, PS-5102-008, PS-5103-003, PS-5103-004, RPS-35155-101, RPS-35155-102 SD-5103-002

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
5103Series

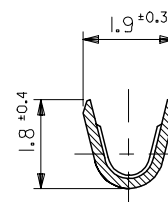
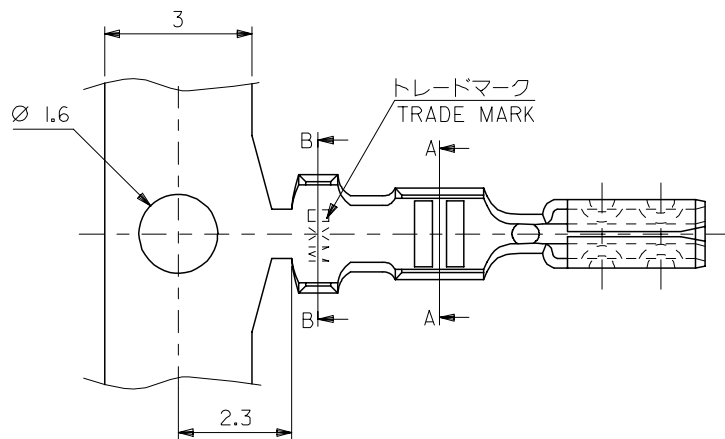
Use With
5102 Crimp Housing, 5207 Mini SPOX Housing

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.

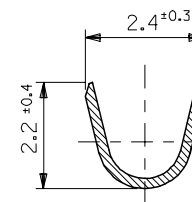
Global	
Description	Product #
FineAdjust™	0639004600
Applicator for SPOX™ Wire-to-Board and Wire-to-Wire Terminal, 22-28 AWG	
T2 Terminator	0639104600
Tooling Die	
Hand Crimp Tool	0638115200

This document was generated on 05/17/2010

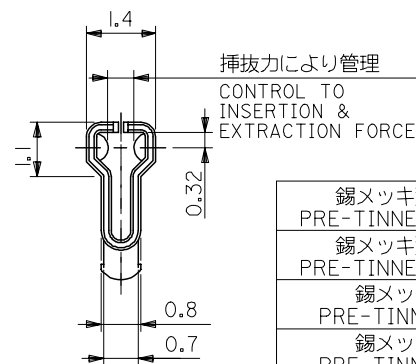
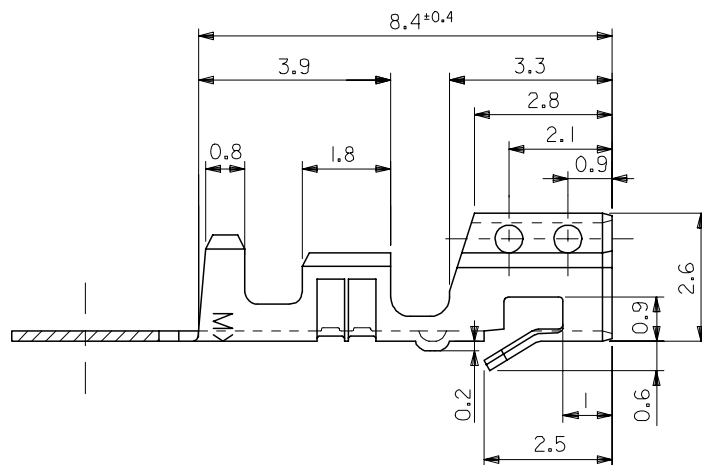
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断面 A-A
SECT. A-A



断面 B-B
SECT. B-B



注記 NOTES:

1. 適合ハウジング:
APPLICABLE HOUSING:
5102-N,5207-N,5208-N,5209-N

錫メッキ済リン青銅 PRE-TINNED PHOS-BRO.	08-70-0059	5103PBT	バラ状 LOOSE
錫メッキ済リン青銅 PRE-TINNED PHOS-BRO.	08-70-0058	5103PBT	連鎖状 CHAIN
錫メッキ済黄銅 PRE-TINNED BRASS	08-70-0057	5103TL	バラ状 LOOSE
錫メッキ済黄銅 PRE-TINNED BRASS	08-70-0056	5103T	連鎖状 CHAIN
材料 MATERIAL	EDP NO.	ENG. NO.	端子形状 FORM

材 料 MATERIAL		表参照 (t=0.203) SEE TABLE		REVISED EC NO: J2006-3417 DRWNG: SAI T001 CHKD: MTANAKA APPR: NUKITA N	DESCRIPTION 2006/07/31 2006/08/04 2006/08/07	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
適用電線範囲 WIRE RANGE		AWG #22 ~28 0.33~0.08mm ²				10 UNDER	±0.2	DRAWN BY K. TOJO		DATE 1990/12/25			TITLE MINI SPOX CRIMP REC	
						10 OVER 30 UNDER	±0.25	CHECKED BY H. HIRAMOTO		DATE 1996/03/04				
						30 OVER	±0.3	APPROVED BY M. FUKUSHIMA		DATE 1996/03/04				
被 覆 外 経 INS. RANGE		Ø1.15 ~ Ø1.9				ANGULAR ±3 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-5103-002			SHEET NO. 1 OF 1	
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
								MOLEX INCORPORATED						