

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008700102

Status:

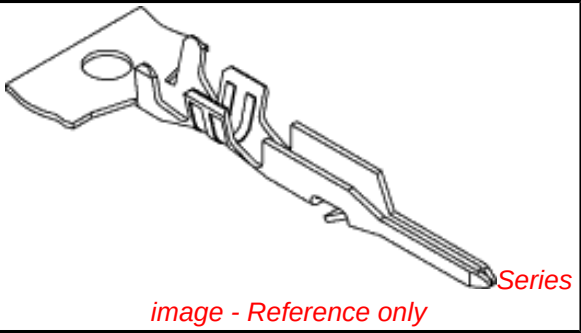
Active

Overview:

spox_bmi

Description:

2.50mm (.098") Pitch SPOX™ Wire-to-Wire Male Crimp Terminal, Reel



- Documents:
- 3D Model

Drawing (PDF)

Product Specification PS-5102-003 (PDF)

Product Specification PS-5102-005 (PDF)

Product Specification PS-5102-006 (PDF)

Product Specification PS-51191-003 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	5241
Crimp Quality Equipment	Yes
Overview	spox_bmi
Product Name	SPOX™
Physical	
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	35
Plating min: Mating (µm)	0.88
Plating min: Termination (µin)	35
Plating min: Termination (µm)	0.88
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.15-1.90mm (.045-.075")
Wire Size AWG	22, 24, 26, 28
Wire Size mm²	N/A

Material Info	
Old Part Number	5241T

Reference - Drawing Numbers	
Product Specification	PS-5102-003, PS-5102-005, PS-5102-006, PS-51191-003
Sales Drawing	SD-5241*

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

5241Series

Mates With

50802 female crimp terminal

Use With

5240

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	0638190800
FineAdjust™	0639004600
Applicator for SPOX™ Wire-to-Board and Wire-to-Wire Terminal, 22-28 AWG	

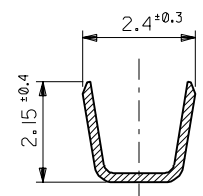
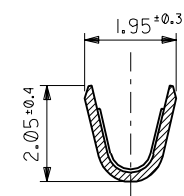
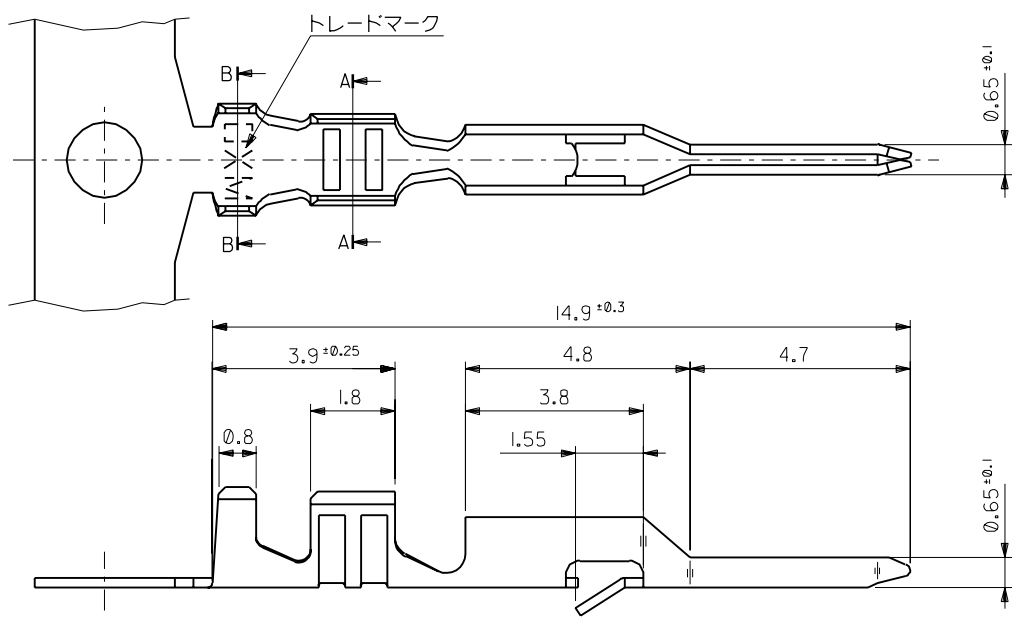
T2 Terminator Tooling Die	<u>0639104600</u>
Japan	
Description	Product #
Applicator for M211A	<u>0011260050</u>
Bench Press, 22-28 AWG, for 5241 Crimp Terminal	
Hand Extraction Tool	<u>0011260060</u>

This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

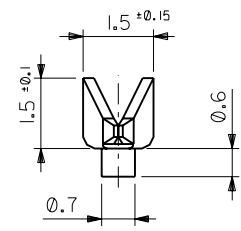
・MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

EDP NO. 08-70-010* ENG. NO. SD-524I*



断面 A-A

断面 B-B



注記

- 1. 適合ハウジング: 5240 & 51012 シリーズ
- 2. 嵌合相手ターミナル: 5103*

錫メッキ済黄銅	08-70-0103	524ITL	バラ状
錫メッキ済黄銅	08-70-0102	524IT	連鎖状
材料	EDP NO.	ENG. NO.	端子形状

						材料 MATERIAL		MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
						表参照 (t0.203)			
						仕上げ Sn: 0.9μMIN. FINISH Cu: 0.5μMIN.		EDP. NO. 08-70-010*	
						適用電線範囲 AWG #22~28 WIRE RANGE 0.33~0.08mm ²		ENG. NO. SD-5241*	
						被覆外径 INS. RANGE φ1.5 - φ1.9		REV D	
角度 ANGLE ±3°						DRAWN BY K.T.OJO '90/12/25		TITLE 名称 MINI SPOX	
30°以上 OVER ±0.3		D 再作図及び変更 (J)00001		H.H. '91/1/7		CHK'D BY M.H.KUSHIMA		CRIMP PIN	
10°以上 30°未満 OVER UNDER ±0.25		記号 変更内容 REVISION RECORD		DR. CHK. 日付 DATE		APP'D BY '91/02/27 M.ENOMOTO			
10°未満 UNDER ±0.2						尺度 SCALE 10 - 1			
一般公差 GENERAL TOLERANCES		REVISE ONLY ON CAD SYSTEM							

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX(JAPAN) AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
本図面は日本モレックス(株)の所有する情報を含むもので 当社の許可なく複製を禁止する。

MXJ-8