

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008700102

Status:

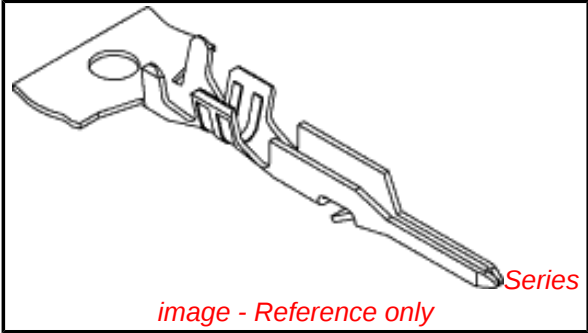
Active

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	

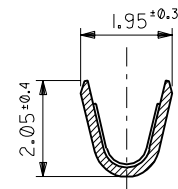
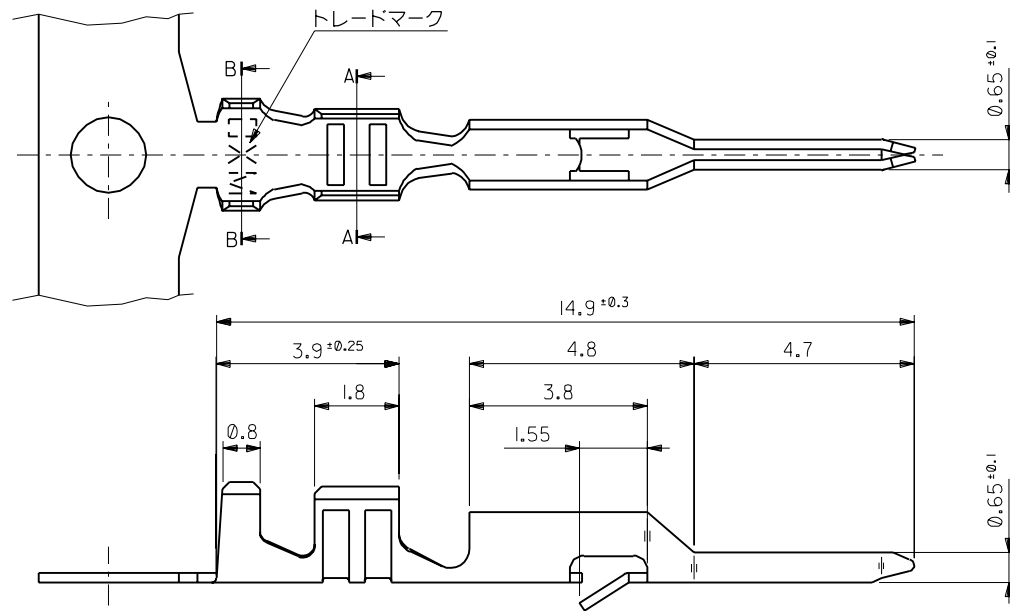
T2 Terminator Tooling Die	<u>0639104600</u>
Japan	
Description	Product #
Applicator for M211A	<u>0011260050</u>
Bench Press, 22-28 AWG, for 5241 Crimp Terminal	
Hand Extraction Tool	<u>0011260060</u>

This document was generated on 05/17/2010

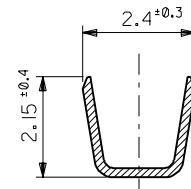
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EDP NO. 08-70-010*
ENG. NO. SD-524I*

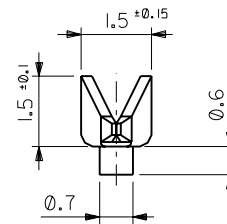
MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING



断面 A-A



断面 B-B



注記

- 適合ハウジング: 5240 & 51012 シリーズ
- 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		表参照 (t0.203)		MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
						仕上げ FINISH		Sn: 0.9μMIN. Cu: 0.5μMIN.		EDP. NO. 08-70-010*	
						適用電線範囲 WIRE RANGE		AWG #22 ~ 28 0.33 ~ 0.08mm ²		ENG. NO. SD-524I*	
						被覆外径 INS. RANGE		φ1.15 ~ φ1.9		REV D	
						DRAWN BY K.TOJO '90/12/25		CHK'D BY '91/02/27 M.H.KUSHIMA		TITLE 名称 MINI SPOX CRIMP PIN	
						APP'D BY '91/02/27 M.ENOMOTO		尺 SCALE 10 - 1			
角度 ANGLE		±3°									
30°以上 OVER		±0.3									
10°以上 30°未満 OVER UNDER		±0.25		D 再作図及び変更 (J100011)		K-T H.H.		'91/1/7			
10°未満 UNDER		±0.2		記号 LTR 変更内容 REVISION RECORD		DR. CHK. DATE					
一般公差 GENERAL TOLERANCES				REVISE ONLY ON CAD SYSTEM							

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