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Part Number: [0500978100](#)
Status: **Active**
Description: 2.50mm (.098") Pitch Board-In Crimp Terminal, Male, 50097 Series, 20-24 AWG, Bag, for 51035 Housing

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-51035-001 \(PDF\)](#)
[Product Specification PS-51035-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	50097
Crimp Quality Equipment	Yes
Product Name	Board-In

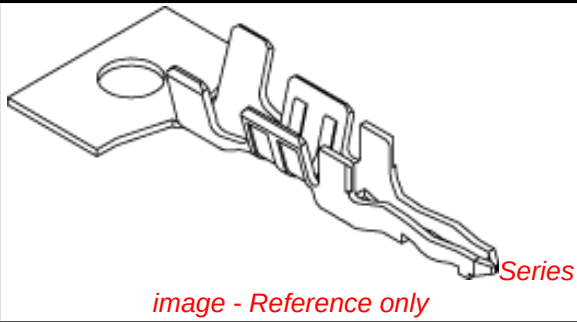
Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-2.10mm (.051-.083")
Wire Size AWG	20, 22, 24
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-51035-001, PS-51035-002, RPS-51035-001
Sales Drawing	SD-50097-8*00



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
[50097Series](#)

Use With
[51035](#)

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.

Japan	
Description	Product #
Hand Crimp Tool, 20-24 AWG, for 50097 Crimp Terminal	0571185000

DWG. NO.
SD-50097-8*00

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mm DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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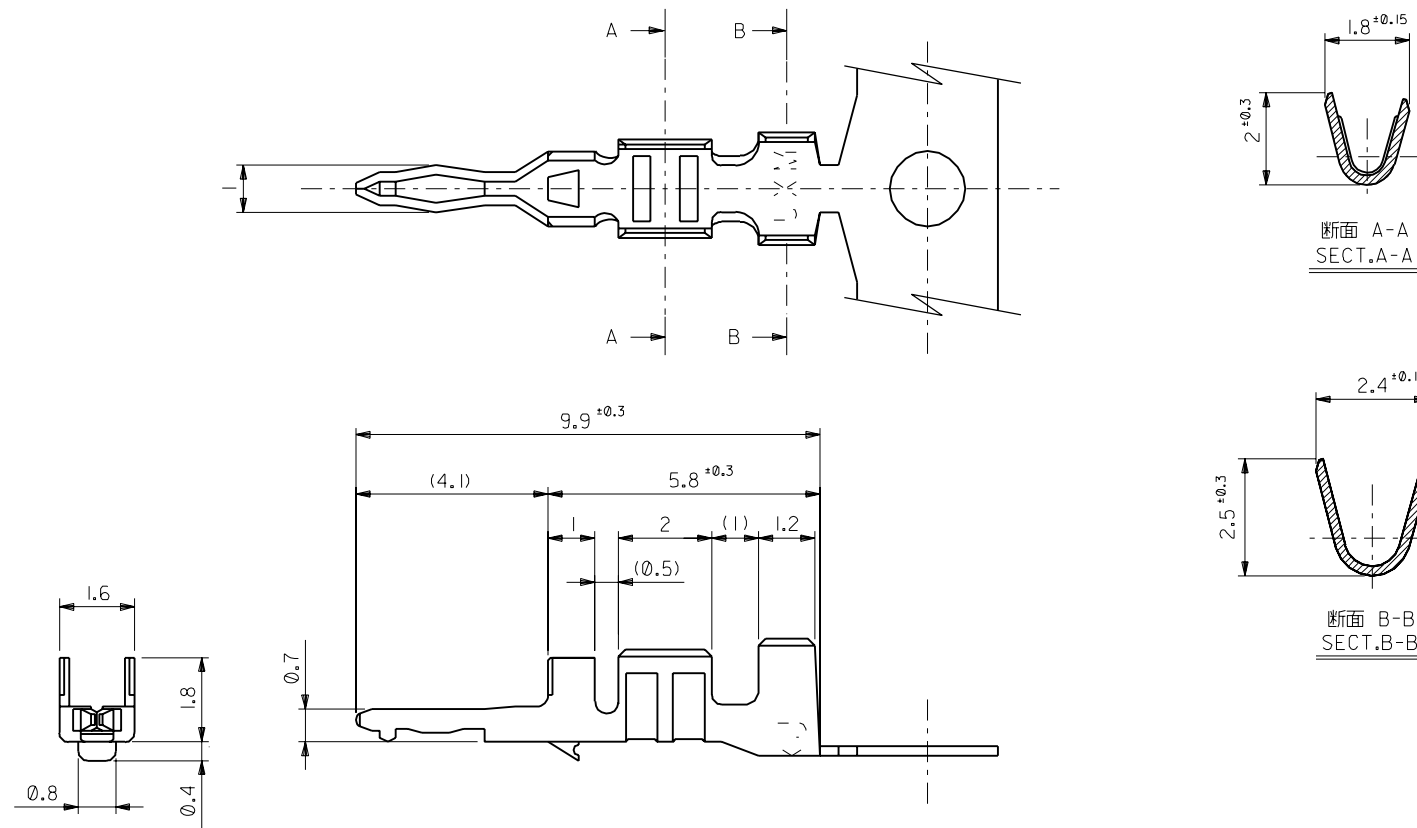
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注記
NOTE

1. 適合ハウジング: 51035-**-00
APPLICABLE HOUSING: 51035-**-00

角度	ANGLE	±3°
30°以上	OVER	±0.3
10°以上	30°未満	±0.25
10°未満	UNDER	±0.2
一般公差		
GENERAL TOLERANCES		

記号	変更内容	DR.	日付	CHK.
LTR	REVISION RECORD		DATE	
C	REDRAWN	K.K.	%/06/28	M.S.

材料	リン青銅 (錫メッキ)
MATERIAL	PHOSPHOR BRONZE t=0.203
仕上げ	PRE-TINNED PLATE
適用電線範囲	AWG #24~20
WIRE RANGE	KV 0.2~0.5
被覆外径	INS. RANGE 0.3~0.5
INS. RANGE	0.13~2.1
DRAWN BY	%/06/28 K.KITA
CHK'D BY	%/06/28 M.SAKANO
APP'D BY	%/06/28 M.ENOMOTO
尺度	10:1

50097-8100	バラ状
50097-8000	連鎖状
ENG.NO.	形状
molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称	
BOARD IN CONNECTOR CRIMP PIN	
DWG. NO.	REV
SD-50097-8*00	C

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