

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5013340100](#)  
**Status:** **Active**  
**Overview:** picoclasp  
**Description:** 1.00mm (.039") Pitch Pico-Clasp™ Wire-to-Board Crimp Terminal, 28-32 AWG, Lead-free, Tin Plating, Loose

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-501940-001 \(PDF\)](#)  
[Product Specification PS-501331-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [501334](#)  
 Crimp Quality Equipment Yes  
 Overview [picoclasp](#)  
 Product Name Pico-Clasp™

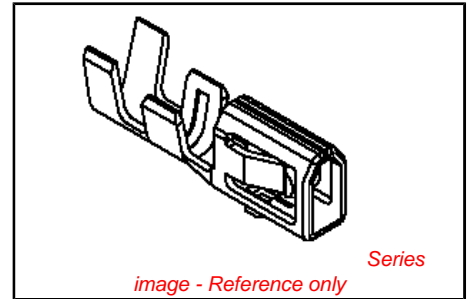
**Physical**

Gender Receptacle  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Packaging Type Bag  
 Plating min: Mating (µin) 40.00  
 Plating min: Mating (µm) 1.000  
 Plating min: Termination (µin) 40.00  
 Plating min: Termination (µm) 1.00  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 0.80mm (.031") max.  
 Wire Size AWG 28, 30, 32  
 Wire Size mm² N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-501334-001  
 Product Specification PS-501331-001, PS-501940-001, RPS-501331-001, RPS-501331-002, RPS-501331-003, RPS-501331-005, RPS-501331-006, RPS-501331-007, RPS-501568-002, RPS-501940-001, RPS-501940-002, RPS-501940-003, RPS-501940-004  
 Sales Drawing SD-501334-001



**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](mailto: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**

[501334Series](#)

**Mates With**

[501331 PCB Header](#)

**Use With**

[501330 Crimp 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 #
Hand Crimp Tool for 1.00mm (.039") Pico-Clasp™ Wire-to-Board Crimp Terminal, 28-32 AWG	<a href="#">0638191500</a>

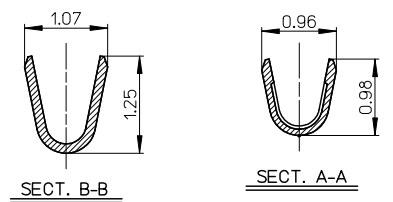
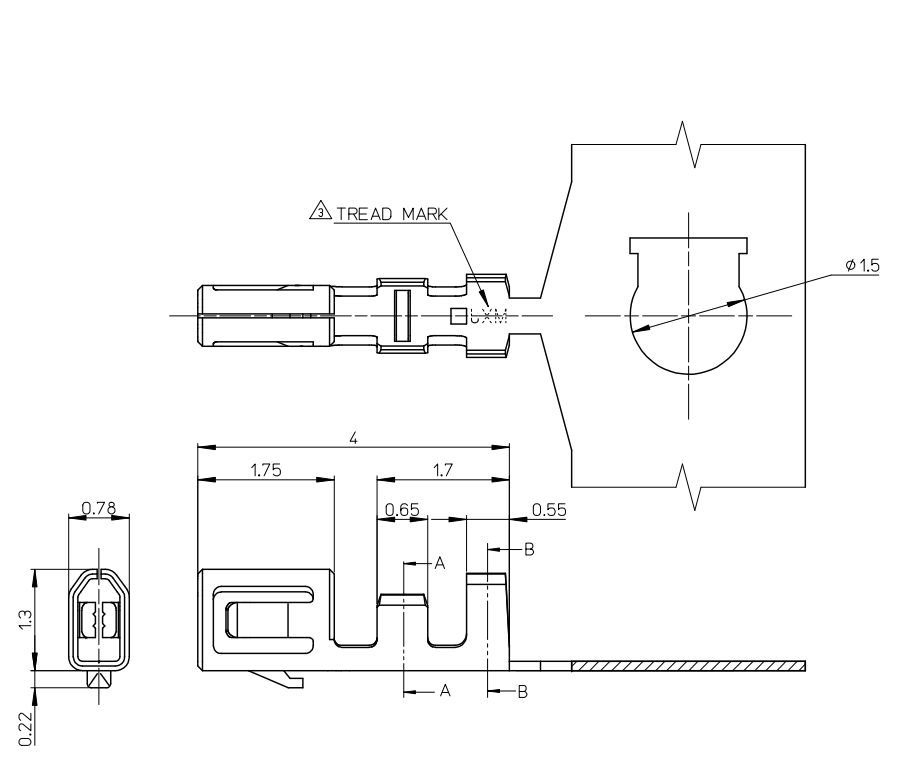
**Japan**

Description	Product #
Crimp Hand Tool - Straight Action	<u>5780165300</u>
Hand Extraction Tool	<u>5780166000</u>

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10 9 8 7 6 5 4 3 2 1



SECT. B-B

SECT. A-A

NOTES.

- 適合ハウジング: 501330-\*\*\*\* / 501939-\*\*\*\*  
APPLICABLE HOUSING: 501330-\*\*\*\* / 501939-\*\*\*\*
  - メッキ仕様  
PLATING  
錫メッキ: 1.0μmMIN. リフロー処理(前メッキ)  
Sn: 1.0μmMIN. REFLOW TREATMENT (PRE-PLATED)
- △ 刻印は裏面から実施  
PUNCH SIDE: OTHER SIDE
- MXJ  金型番号(番号無しの製品もあります.)  
Die No. (There is Non-Mark Item)
- TREAD MARK

501334-0100	バラ状 LOOSE
501334-0000	連鎖状 CHAIN
MATERIAL NO.	端子形状 FORM

MATERIAL リン青銅 PHOSPHOR BRONZE I=0.12	REVISED EC NO: J2009-0651 DRAWN BY: IRWNRKAKATA 2008/09/16 CHECKED BY: CHYKDHMATSUOTO 2008/09/16 APPROVED BY: APPRNRKIKITA 2008/09/16 DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 20:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
FINISH SEE NOTE		10 UNDER ±0.2	DRAWN BY: NYOSHIDA 2004/07/29	TITLE 1.0 WIRE TO BOARD CONN. CRIMP REC TERMINAL (SN) -LEAD FREE-			
WIRE RANGE AWG #28-32		10 OVER 30 UNDER ±0.25	CHECKED BY: MYAGI 2004/07/29	APPROVED BY: MIYAZAWA 2004/07/29	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-501334-001	SHEET NO. 1 OF 1
INS. RANGE φ0.4-0.8		30 OVER ±0.3	ANGULAR ±3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			