

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0002061101

Status:

Active

Overview:

standard\_062

Description:

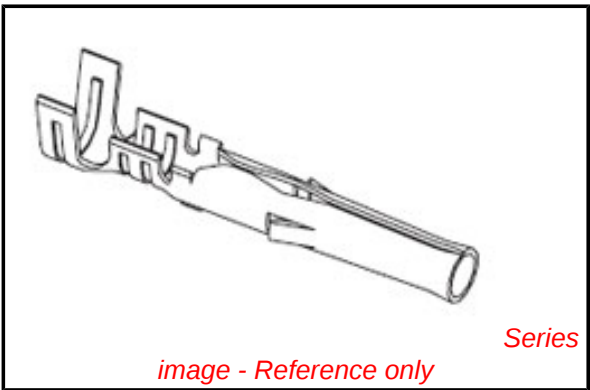
1.57mm (.062") Diameter, Standard .062" Pin and Socket Crimp Terminal, Female, with Tin (Sn) Plated Brass Contact, 18-24 AWG, Reel

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                          |
|--------------------------------|--------------------------|
| General                        |                          |
| Product Family                 | Crimp Terminals          |
| Series                         | 1561                     |
| Crimp Quality Equipment        | Yes                      |
| Overview                       | standard_062             |
| Product Name                   | Standard .062"           |
| Physical                       |                          |
| Gender                         | Female                   |
| Material - Metal               | Brass                    |
| Material - Plating Mating      | Tin                      |
| Material - Plating Termination | Tin                      |
| Packaging Type                 | Reel                     |
| Plating min: Mating (µin)      | 20                       |
| Plating min: Mating (µm)       | 0.50                     |
| Plating min: Termination (µin) | 20                       |
| Plating min: Termination (µm)  | 0.50                     |
| Termination Interface: Style   | Crimp or Compression     |
| Wire Insulation Diameter       | 1.52-3.05mm (.060-.120") |
| Wire Size AWG                  | 18, 20, 22, 24           |
| Wire Size mm²                  | N/A                      |
| Material Info                  |                          |
| Old Part Number                | 1561-(P901)              |
| Reference - Drawing Numbers    |                          |
| Sales Drawing                  | SD-1561-*                |



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.

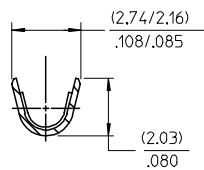
|                                                                                                                                                                                 |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Search Parts in this Series                                                                                                                                                     |            |
| 1561Series                                                                                                                                                                      |            |
| 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 #  |
| Mini-Mac™                                                                                                                                                                       | 0638914000 |
| Applicator                                                                                                                                                                      |            |
| Hand Crimp Tool for Standard .062" Pin and Socket Crimp Terminals, 18-24 AWG                                                                                                    | 0638191300 |
| Manual Extraction Tool                                                                                                                                                          | 0011030002 |
| Terminator Die                                                                                                                                                                  | 0011402004 |
| Hand Crimper - DISTRIBUTION ONLY                                                                                                                                                | 0638111000 |

|                     |                   |
|---------------------|-------------------|
| Japan               |                   |
| Description         | Product #         |
| Hand Insertion Tool | <u>0011020001</u> |

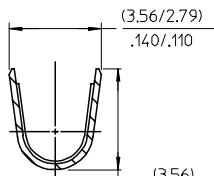
This document was generated on 05/17/2010

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| PART NO.   | ENG. NO.      |  |
|------------|---------------|--|
| 02-06-1101 | 1561-(P901)   |  |
| 02-06-1103 | 1561-(P901)L  |  |
| 02-06-5101 | 1561-(P561)   |  |
| 02-06-5102 | 1561-(P561)L  |  |
| 02-06-5108 | 1561-(P228)   |  |
| 02-06-5109 | 1561-(P228)L  |  |
| 02-06-5100 | 1561-(P550)   |  |
| 02-06-5103 | 1561-(P550)L  |  |
| 02-06-5105 | 1561-(P591)   |  |
| 02-06-5104 | 1561-(P591)L  |  |
| 02-06-1118 | 1561-1(P901)  |  |
| NOT TOOLED | 1561-1(P901)L |  |



SECT. "B-B"  
SCALE:10X



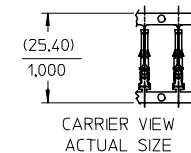
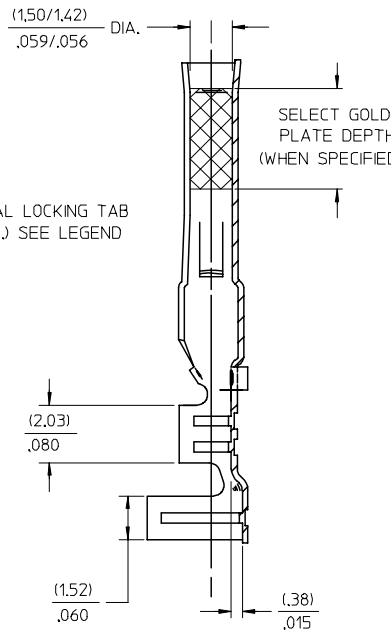
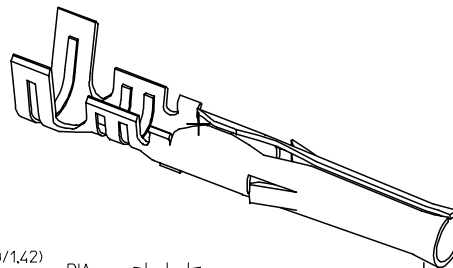
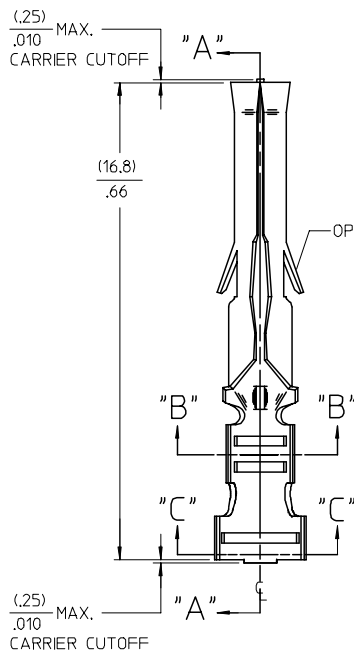
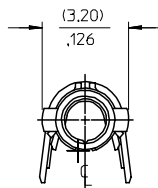
SECT. "C-C"  
SCALE:10X

LEGEND

1561-\*(\*\*\*\*)\*  
BLANK=WITH LOCKING TABS  
1=WITHOUT LOCKING TABS  
P=PREPLATE  
BLANK=POSTPLATE  
FORM  
BLANK=CHAIN  
L=LOOSE  
FINISH CODE

NOTES:

1. MATERIAL: BRASS
2. FINISH:
  - 901 HOT TIN DIP (.00051)/.000020 MIN.
  - 228 SELECT GOLD PLATE (.00075)/.000030 MIN. IN CONTACT AREA, SELECT TIN, (.00250)/.000100 MIN. IN CRIMP AREA OVER (.00125)/.000050 MIN. NICKEL OVERALL.
  - 561 SELECT GOLD PLATE (.00076)/.000030 MIN. IN CONTACT AREA, OVER (.00127)/.000050 MIN. NICKEL OVERALL.
  - 591 SELECT GOLD PLATE (.00175)/.000050 MIN. IN CONTACT AREA, OVER (.00127)/.000050 MIN. NICKEL OVERALL WITH (.000025)/.000010 MAX. GOLD FLASH OVERALL.
  - 550 SELECT GOLD PLATE (.00038)/.000015 MIN. IN CONTACT AREA, OVER (.00076)/.000030 MIN. NICKEL OVERALL WITH (.000025)/.000010 MAX. GOLD FLASH OVERALL.
- \* THE PRIMARY SHIPPING CARTON WILL BE LABELED, "COMPLIANT TO RoHS DIRECTIVE 2004/95/EC AND ANNEX II OF DIRECTIVE 2000/53/EC", AND CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD."
3. PRODUCT SPECIFICATION: PS-02-06.
4. PACKAGING INFORMATION: NOT AVAILABLE
5. TERMINAL FOR USE WITH (.157)/.062 DIA. SERIES HOUSINGS AND WILL ACCEPT 18 THRU 24 AWG WIRE WITH (.152/3.05)/.060/.120 INSULATION DIA.



SECT. "A-A"

|     |                                                      |
|-----|------------------------------------------------------|
| AP  | REVISED/REDRAWN<br>UCP2004-2257<br>RHOLTS 05/14/04   |
| A0  | REINSTATE 02065105<br>UCP2003-1827<br>ELHAG 03/02/24 |
| AN  | OBSOLETE P/N<br>UCR2002-0270<br>COMERCI 01/9/25      |
| AM1 | ADDED ISO VIEW<br>UCR1998-0248<br>WANG 98-05-21      |
| AM  | REV. AND REDRAWN<br>PER ECR 10372<br>GEP 8-20-87 RW  |

|                                                                                                                                  |     |                                                                                                                               |                 |                                       |                        |                 |              |                                                        |              |                          |        |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------|------------------------|-----------------|--------------|--------------------------------------------------------|--------------|--------------------------|--------|--|--|
| SEE REVISION BLOCK<br>EC NO: UCP2004-2257<br>DRW:RHOLTS 2005/03/30<br>CHKD:FSMITH 2005/03/30<br>APPR:FSMITH 2005/04/11<br><br>AP | REV | DESCRIPTION                                                                                                                   | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |                        | SCALE           | DESIGN UNITS | THIRD ANGLE PROJECTION                                 |              | REVISE ON CAD ONLY       |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 |                                       |                        | 6:1             | INCH         |                                                        |              |                          |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 |                                       |                        | DIMENSION STYLE |              | TITLE                                                  |              |                          |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 |                                       |                        | IN/MM           |              | CRIMP TERMINAL, FEMALE<br>.062 DIA. FOR 18-24 AWG WIRE |              |                          |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 | ▽ = 0                                 | 4 PLACES               | ± ---           | ± ---        | DRAWN BY                                               | DATE         | MOLEX MOLEX INCORPORATED |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 |                                       | 3 PLACES               | ± ---           | ± .005       | GEW                                                    | 1991/02/19   |                          |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 |                                       | 2 PLACES               | ± 0.13          | ± .010       | CHECKED BY                                             | DATE         |                          |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 |                                       | 1 PLACE                | ± 0.25          | ± ---        | RW                                                     | 1991/02/19   |                          |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 |                                       | ANGULAR ±1/2°          |                 | APPROVED BY  | DATE                                                   | MATERIAL NO. |                          |        |  |  |
|                                                                                                                                  |     |                                                                                                                               |                 | ▽ = 0                                 | DRAFT WHERE APPLICABLE |                 | GWF          | 1991/02/19                                             | SEE CHART    | SD-1561-*                | 1 OF 1 |  |  |
| MUST REMAIN WITHIN DIMENSIONS                                                                                                    |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 |                                       |                        |                 | C            |                                                        |              |                          |        |  |  |

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Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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