

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0039000294  
**Status:** Active  
**Overview:** standard\_093  
**Description:** 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1189, Female, with Gold (Au) over Nickel Plated Brass Contact, 14-20 AWG, Bag, with Dimple

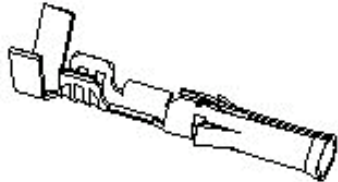
**Documents:**  
[Drawing \(PDF\)](#)  
[Product Specification PS-1189-005 \(PDF\)](#)  
[Product Specification PS-1189-006 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**  
Product Family Crimp Terminals  
Series 1189  
Comments with Dimple  
Crimp Quality Equipment Yes  
Overview standard\_093  
Product Name Standard .093"

**Physical**  
Gender Female  
Material - Metal Brass  
Material - Plating Mating Unplated  
Material - Plating Termination Unplated  
Packaging Type Bag  
Wire Insulation Diameter 1.60-4.10mm (.063-.161")  
Wire Size AWG 14, 16, 18, 20  
Wire Size mm² N/A

**Material Info**  
Old Part Number 1189GL

**Reference - Drawing Numbers**  
Product Specification PS-1189-005, PS-1189-006  
Sales Drawing SD-1189-002



Series

image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**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**  
[1189Series](#)

**Use With**  
[3191r](#)

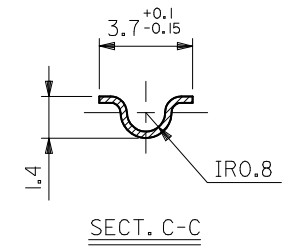
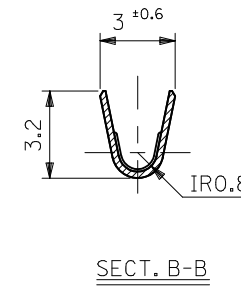
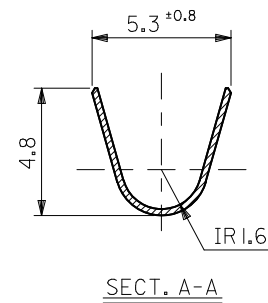
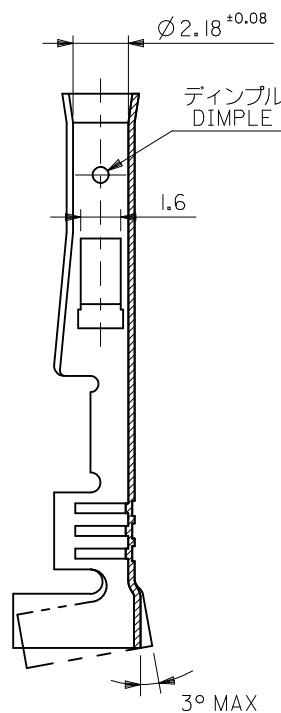
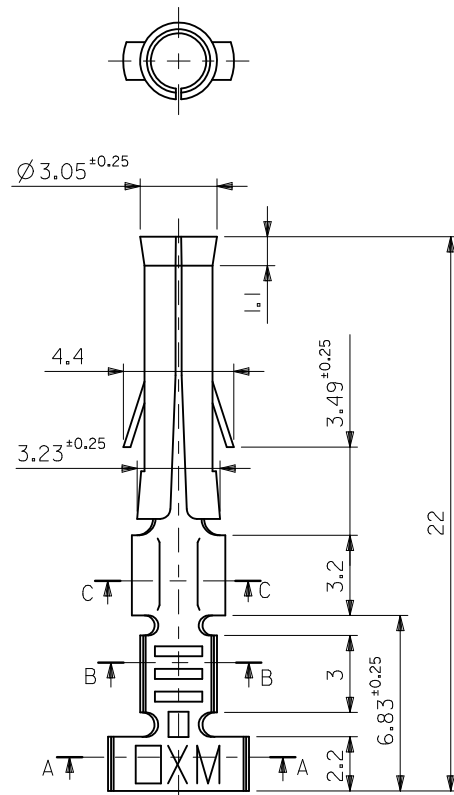
**Application Tooling | FAQ**  
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*  
**Global**  

| Description     | Product #                  |
|-----------------|----------------------------|
| Hand Crimp Tool | <a href="#">0638191100</a> |
| Extraction Tool | <a href="#">0011030006</a> |

  
**Japan**  

| Description          | Product #                  |
|----------------------|----------------------------|
| Hand Crimp Tool      | <a href="#">0011260006</a> |
| JHTR1031C            |                            |
| Hand Extraction Tool | <a href="#">0011260029</a> |

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|                                                                                           |                        |            |         |                |
|-------------------------------------------------------------------------------------------|------------------------|------------|---------|----------------|
| ニッケル (2 μm MIN.) 下地<br>金 (0.35 μm MIN.)<br>GOLD (0.35 μm MIN.) OVER<br>NICKEL (2 μm MIN.) | 無<br>NO                | 39-00-0295 | I189AGL | バラ端子<br>LOOSE  |
|                                                                                           |                        | 39-00-0293 | I189AG  | 連鎖状端子<br>CHAIN |
|                                                                                           | 有<br>YES               | 39-00-0294 | I189GL  | バラ端子<br>LOOSE  |
| 銅 (0.5 μm MIN.) 下地<br>錫 (0.9 μm MIN.)<br>TIN (0.9 μm MIN.) OVER<br>COPPER (0.5 μm MIN.)   | 無<br>NO                | 39-00-0289 | I189ATL | バラ端子<br>LOOSE  |
|                                                                                           |                        | 39-00-0281 | I189AT  | 連鎖状端子<br>CHAIN |
|                                                                                           | 有<br>YES               | 39-00-0288 | I189TL  | バラ端子<br>LOOSE  |
|                                                                                           |                        | 39-00-0282 | I189T   | 連鎖状端子<br>CHAIN |
| メッキ<br>PLATING                                                                            | ディンプル有無<br>WITH DIMPLE | EDP.NO.    | ENG.NO. | 形状<br>FORM     |

注記 NOTES:

1. 一般公差:  $\pm 0.4$   
GENERAL TOLERANCES:  $\pm 0.4$

|                      |             |        |
|----------------------|-------------|--------|
| 材料<br>MATERIAL       | 黃銅<br>BRASS | 0.264t |
| 適用電線範圍<br>WIRE RANGE | AWG# 14-#20 |        |
| 被覆外徑<br>INS. RANGE   | Ø 1.6 ~ 4.1 |        |

|         |                                                                    |                                        |             |                                                                                                                                  |         |                            |                    |                                                                                                          |                        |                                                                                       |                           |
|---------|--------------------------------------------------------------------|----------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|---------------------------|
| REVISED | EC NO.: J2010-2186<br>DRWN:RTSUKA<br>CHKD:THRIYAWA<br>APPR:HHIRATA | 2010/05/17<br>2010/05/17<br>2010/05/21 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                         |         | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>5:1                                                                                             | DESIGN UNITS<br>METRIC |  | THIRD ANGLE<br>PROJECTION |
|         |                                                                    |                                        |             | 10 UNDER                                                                                                                         | ± ---   | DRAWN BY<br>HHASEGAWA      | DATE<br>1993/07/06 | TITLE<br>.093 DIA.FEMALE TERM.                                                                           |                        |                                                                                       |                           |
|         |                                                                    |                                        |             | 10 OVER 30 UNDER                                                                                                                 | ± ---   | CHECKED BY<br>HHIRAMOTO    | DATE<br>1993/07/06 |                                                                                                          |                        |                                                                                       |                           |
|         |                                                                    |                                        |             | 30 OVER                                                                                                                          | ± ---   | APPROVED BY<br>MFUKUSHIMA  | DATE<br>1993/07/06 |  MOLEX INCORPORATED |                        |                                                                                       |                           |
|         |                                                                    |                                        |             | ANGULAR                                                                                                                          | ± --- ° | MATERIAL NO.               |                    |                                                                                                          |                        |                                                                                       |                           |
|         |                                                                    |                                        |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |         | SEE TABLE                  |                    | SD-1189-002                                                                                              |                        | 1 OF 1                                                                                |                           |
|         |                                                                    |                                        |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |         |                            |                    |                                                                                                          |                        |                                                                                       |                           |