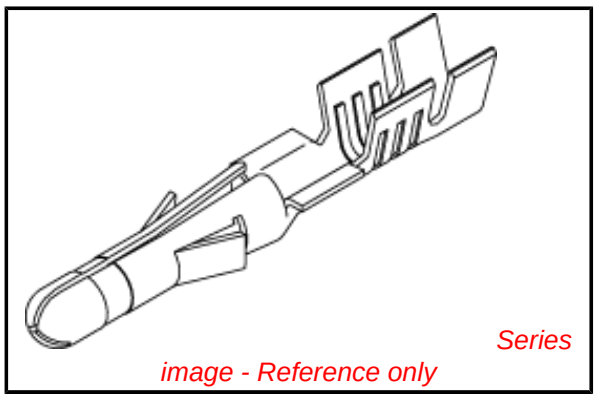
This document was generated on 05/17/2010

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

**Part Number:** 0002096123
**Status:** Active
**Overview:** standard_093
**Description:** 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1380, Male, with Gold (Au) Plated Brass Contact, 18-22 AWG, Bag



*Series image - Reference only*

**Documents:**
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-02-09 (PDF)

## General

| | |
|---|---|
| Product Family | Crimp Terminals |
| Series | 1380 |
| Crimp Quality Equipment | Yes |
| Overview | standard_093 |
| Product Name | Standard .093" |

## Physical

| | |
|---|---|
| Durability (mating cycles max) | 25 |
| Gender | Male |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Packaging Type | Bag |
| Plating min: Mating (µin) | 15 |
| Plating min: Mating (µm) | 0.375 |
| Plating min: Termination (µin) | 10 |
| Plating min: Termination (µm) | 0.25 |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.52-3.05mm (.060-.120") |
| Wire Size AWG | 18, 20, 22 |
| Wire Size mm² | N/A |

## Material Info

| | |
|---|---|
| Old Part Number | 1380GL3 |

## Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-02-09 |
| Sales Drawing | SD-1380-* |

**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**
1380Series

**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.*

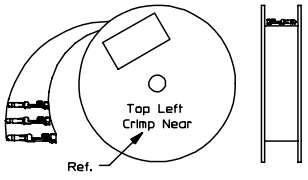
**Global**

| Description | Product # |
|---|---|
| Hand Crimp Tool | 0638191200 |
| Insertion Tool | 0011020003 |
| Extraction Tool | 0011030006 |

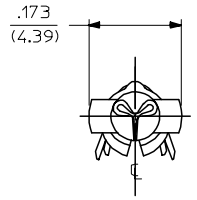
This document was generated on 05/17/2010

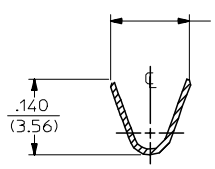
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

| PART NO. | ENG. NO. |
|---|---|
| 02-09-2118 | 1380-(P901)L |
| 02-09-2116 | 1380-(P901) |
| 02-09-2127 | 1380-(P901)1 |
| 02-09-6126 | 1380-(591)L |
| 02-09-6125 | 1380-(591) |
| 02-09-6123 | 1380-(550)L |
| 02-09-6122 | 1380-(550) |
| 02-09-2119 | 1380-A(P901)L |
| 02-09-2117 | 1380-A(P901) |

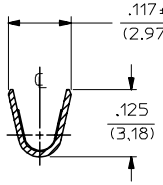



REWOUND CHAIN

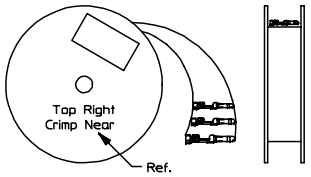


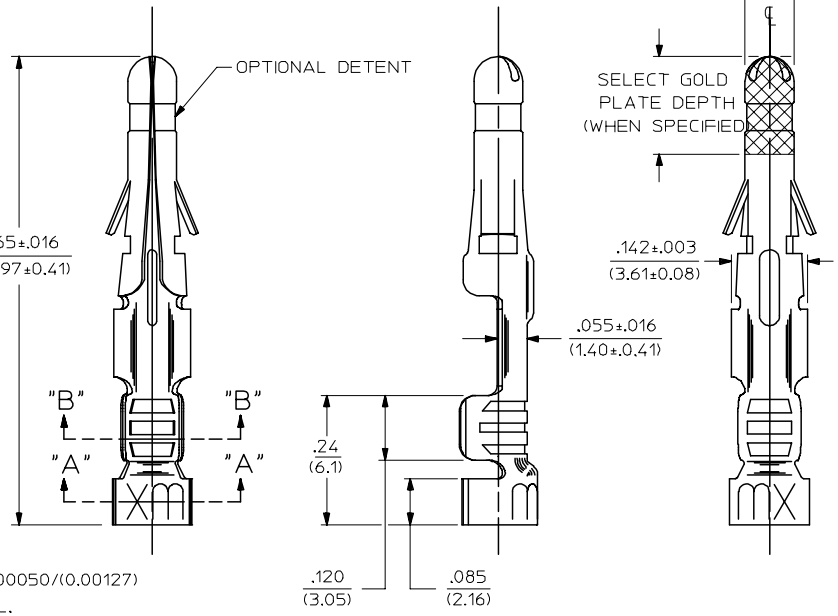

SECT. "A-A"




SECT. "B-B"




STANDARD CHAIN




## LEGEND

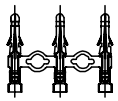
1380-*(****)*

- OPTIONAL DETENT
  - BLANK = WITH DETENT
  - A = WITHOUT DETENT
- P = PREPLATE
  - BLANK = POSTPLATE
- FINISH CODE (SEE NOTE 2)
- FORM
  - BLANK = STD. CHAIN
  - A = REWOUND CHAIN
  - L = LOOSE
  - 1 = STD. CHAIN WITH INTERLEAF PAPER

NOTES:

1. MATERIAL: BRASS
2. FINISH:
   - 999 UNPLATED
   - 901 HOT TIN DIP .000020/(0.00051) MIN.
   - 591 SELECT GOLD PLATE .000050/(0.00127) MIN. IN CONTACT AREA, OVER .000050/(0.00127) MIN. NICKEL OVERALL WITH .000010/(0.00025) MAX. GOLD FLASH OVERALL.
   - 550 SELECT GOLD PLATE .000015/(0.00038) MIN. IN CONTACT AREA, OVER .000030/(0.00076) MIN. NICKEL OVERALL WITH .000010/(0.00025) MAX. GOLD FLASH OVERALL.
3. PRODUCT SPECIFICATION: PS-02-09.
4. PACKAGING INFORMATION: NOT AVAILABLE
5. TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL ACCEPT 18 THRU 22 AWG
6. INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED INTO AN .093 SERIES HOUSING.
7. TERMINAL RETENTION: 20 LBS. MIN. FROM HOUSING.

CHAIN FORM
FULL SCALE



REVISED/REDRAWN
EC NO: UCP2004-2354 2005/07/20
DRWN:RHOLTS 2005/07/20
CHKD:FSMITH 2005/07/20
APPR:FSMITH 2005/07/20
DESCRIPTION
REV
BV

QUALITY SYMBOLS
▼ - 0
▽(C) - 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± .010 |
| 2 PLACES | ± 0.25 | ± .14 |
| 1 PLACE | ± 0.35 | ± --- |
| ANGULAR ±1/2° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 6:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY

DIMENSION STYLE IN/MM

DRAWN BY GEP DATE 1987/11/06

CHECKED BY RW DATE 1987/11/06

APPROVED BY RAS DATE 1987/11/06

TITLE
CRIMP TERMINAL
.093 DIA., MALE
FOR 18 THRU 22 AWG. WIRE

MOLEX INCORPORATED

MATERIAL NO. SEE CHART | DOCUMENT NO. SD-1380-* | SHEET NO. 1 OF 1

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