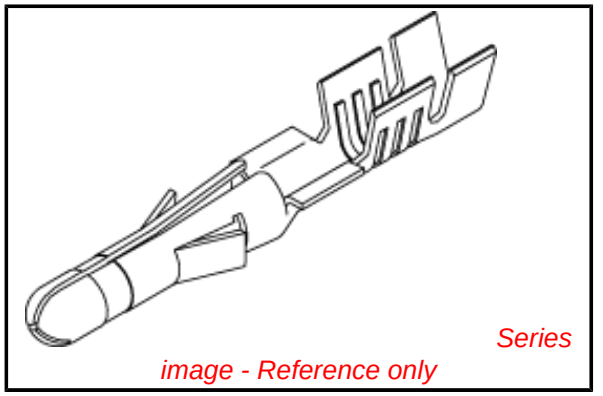
This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002096126
Status: Active
Overview: standard_093
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1380, Male, with Selective 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)	50
Plating min: Mating (µm)	1.25
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	1380-(591)L

Reference - Drawing Numbers

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

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
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.

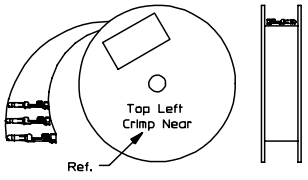
Global

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

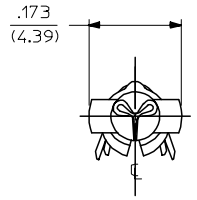
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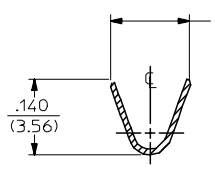
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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)

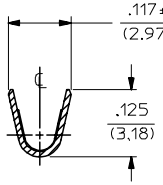


REWOUND CHAIN

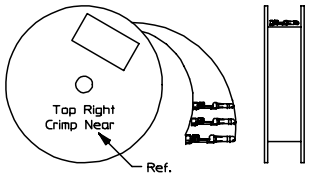




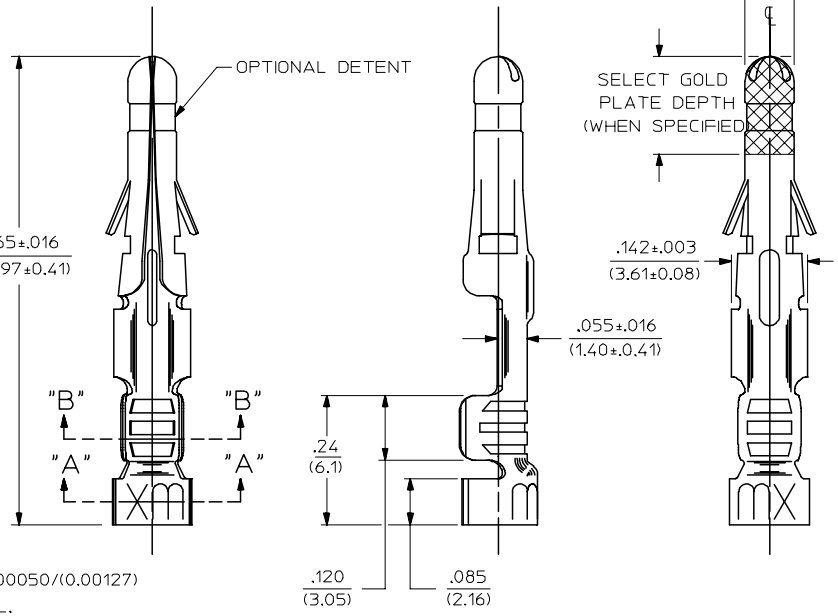
SECT. "A-A"



SECT. "B-B"



STANDARD CHAIN



LEGEND

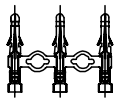
1380-*(****)*

- 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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