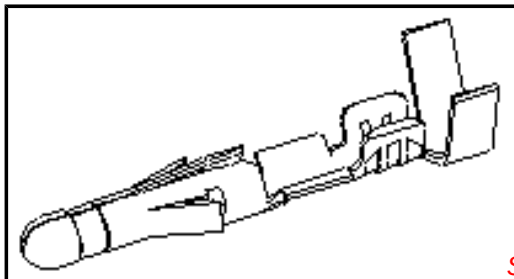
This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002092103
Status: Active
Overview: standard_093
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1190, Male, with Tin (Sn) Plated Brass Contact, 14-20 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	1190
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	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
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	1.65-4.06mm (.065-.160")
Wire Size AWG	14, 16, 18, 20
Wire Size mm²	N/A

Material Info

Old Part Number	1190-(P901)L

Reference - Drawing Numbers

Packaging Specification	PK-1190-001
Product Specification	PS-02-09
Sales Drawing	SD-1190-*

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
1190Series

Use With
1619 Plug or Receptacle Housing, 1545 Plug or Receptacle Housing, 1396 Plug or Receptacle Housing, 1490 Plug or Receptacle Housing, 2629 Plug or Receptacle Crimp Housings, 1261 Plug or Receptacle Housing, 1292 Plug or Receptacle Housing, 1360 Plug or Receptacle Housing, 1375 Plug or Receptacle Housing, 3191 Plug or Receptacle Housing, 2163 Plug or Receptacle Housings

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

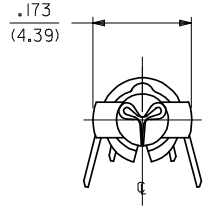
Description	Product #
Hand Crimp Tool	0638191100
Insertion Tool	0011020003

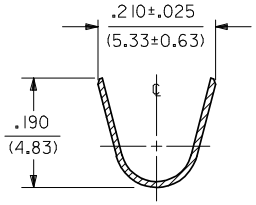
Extraction Tool	0011030006
Hand Crimper - DISTRIBUTION ONLY	0638111000

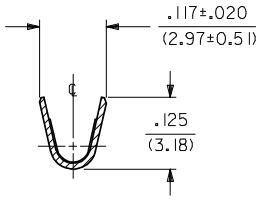
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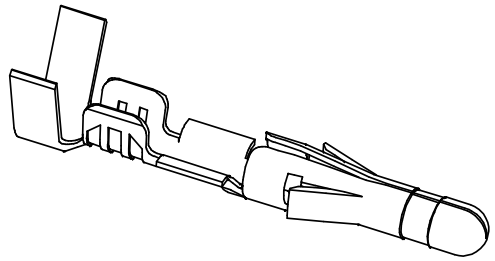
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

PART NO.	ENG. NO.
02-09-2103	1190-(P901)L
02-09-2101	1190-(P901)
02-09-6110	1190-(591)L
02-09-6101	1190-(591)
02-09-6106	1190-(550)L
02-09-6100	1190-(550)



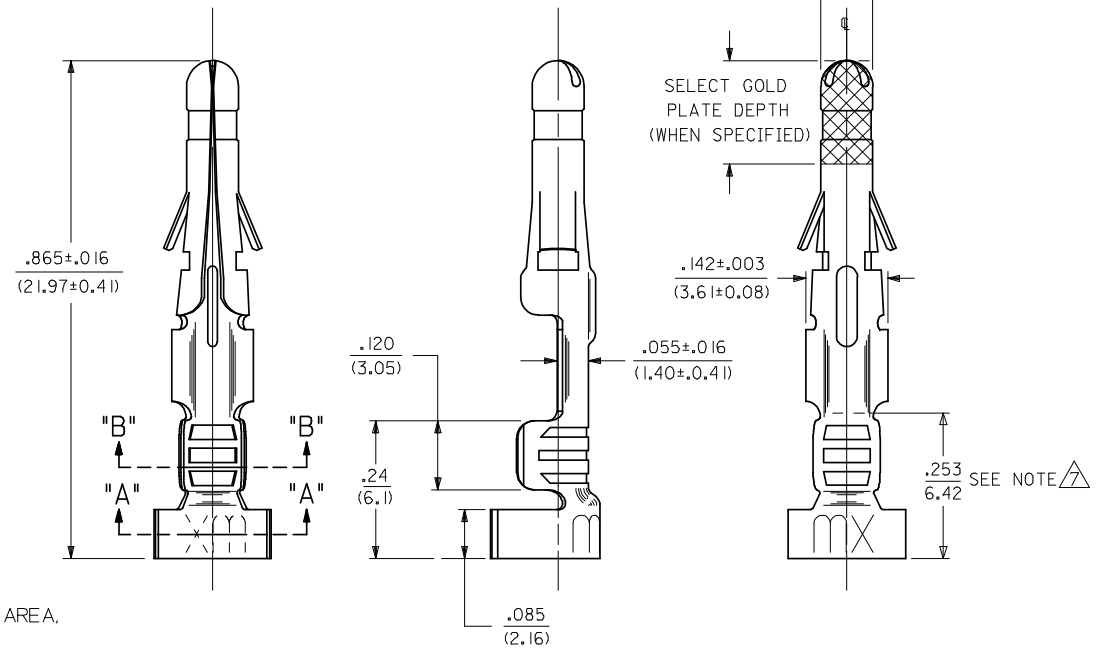






SECT. "A-A"

SECT. "B-B"



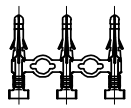
NOTES:

1) MATERIAL:
   CARTRIDGE BRASS
2) FINISH CODES:
   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-43660-9999
4) PACKAGING SPECIFICATION: PK-1190-001
5) INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED
   INTO .093 SERIES HOUSING.
6) RETENTION: 20 LBS. MIN. FROM HOUSING.
7) DIMENSION FROM THE END OF THE TERMINAL TO THE END OF THE BRUSH
   ON THE WIRE CRIMPED INTO THE TERMINAL.
8) TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL
   ACCEPT 14 THRU 20 AWG WIRE.

LEGEND

1190-(****)*

- FORM: BLANK=CHAIN, L=LOOSE
- FINISH CODE
- P=PREPLATE, BLANK=POSTPLATE



CHAIN FORM
FULL SCALE

ADD PK SPEC 2008/08/15
EC NO: UCP2009-0180 2008/08/22
DRWN:GAVERILL
CH'KD:AELHAG
APPR:FSMITH
DESCRIPTION
REV
BS1

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.13	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 6:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	GEP
DATE	10/26/87
CHECKED BY	RW
DATE	10/26/87
APPROVED BY	RAS
DATE	10/26/87

TITLE: CRIMP TERMINAL, MALE .093/(2.36) DIA. FOR 14 THRU 20 AWG. WIRE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-1190-*
SHEET NO.: 1 OF 1
SIZE: C

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