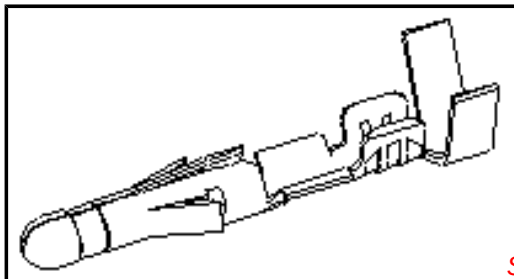
This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002096101
Status: Active
Overview: standard_093
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1190, Male, with Selective Gold (Au) Plated Brass Contact, 14-20 AWG, Reel



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

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Packaging Type	Reel
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	1.65-4.06mm (.065-.160")
Wire Size AWG	14, 16, 18, 20
Wire Size mm²	N/A

Material Info

Old Part Number	1190591

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
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
1190Series

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.

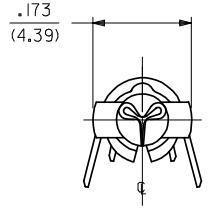
Global

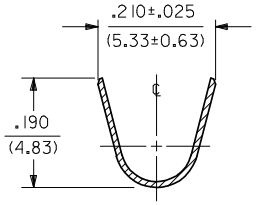
Description	Product #
Mini-Mac™ Applicator	0638927100
Mini-Mac™ Applicator	0638927300
Insertion Tool	0011020003
Extraction Tool	0011030006
Terminator Die	0011402001
Hand Crimper - DISTRIBUTION ONLY	0638111000

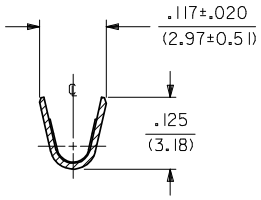
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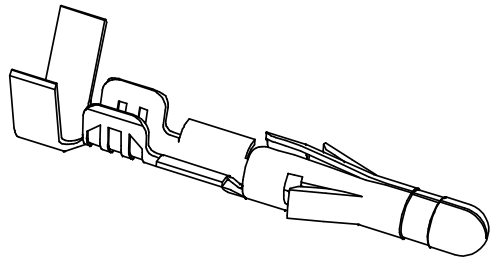
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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)



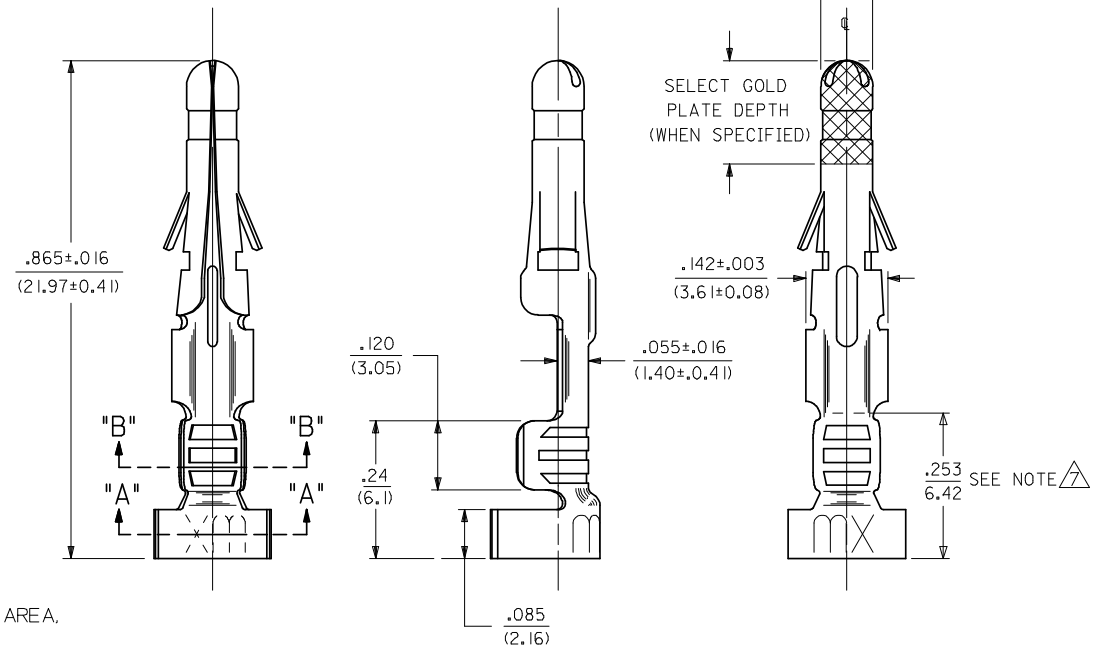






SECT. "A-A"

SECT. "B-B"



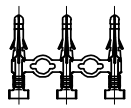
NOTES:

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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