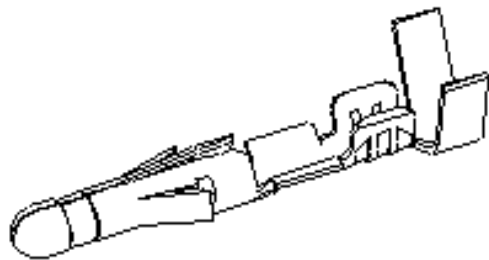


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002096100
Status: Active
Overview: standard_093
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1190, Male, with 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)	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	1.65-4.06mm (.065-.160")
Wire Size AWG	14, 16, 18, 20
Wire Size mm²	N/A

Material Info

Old Part Number 1190550

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

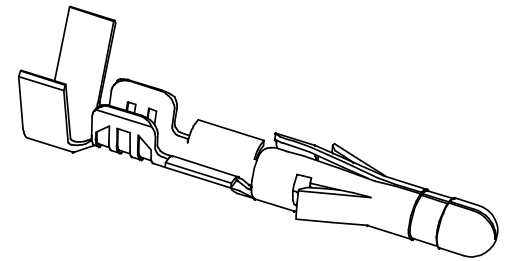
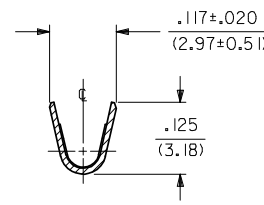
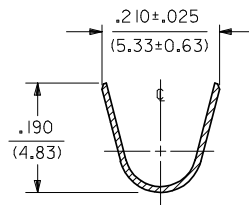
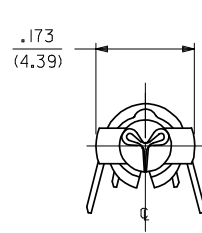
Application Tooling | FAQ

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

Global

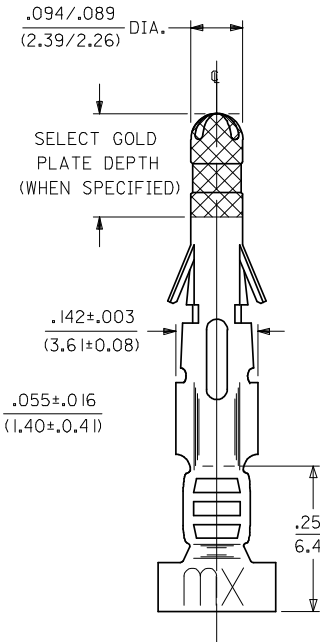
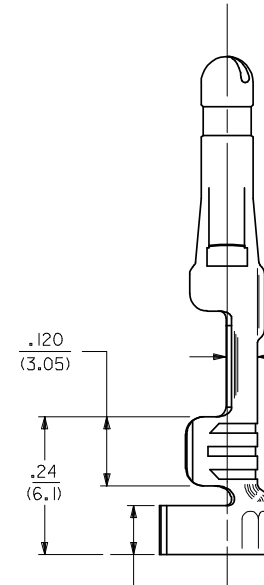
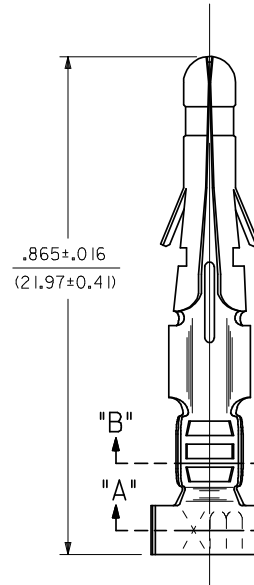
Description	Product #
Mini-Mac™ Applicator	0638927100
Mini-Mac™ Applicator	0638927300
Insertion Tool	0011020003
Extraction Tool	0011030006
Terminator Die	0011402001
Hand Crimper - DISTRIBUTION ONLY	0638111000

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"



SEE NOTE

NOTES:

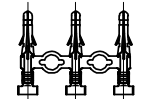
- 1) MATERIAL:
CARTRIDGE BRASS
- 2) FINISH CODES:
901 HOT TIN DIP .000020/(0.00051) MIN.
591 SELECT GOLD PLATE .000050/(0.00127) MIN. IN CONTACT AREA,
OVER .000050/(0.00127) MIN. NICKEL OVERALL
WITH .000010/(0.00025) MAX. GOLD FLASH OVERALL.
550 SELECT GOLD PLATE .000015/(0.00038) MIN. IN CONTACT AREA,
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

P=PREPLATE
BLANK=POSTPLATE



CHAIN FORM
FULL SCALE

ADD PK SPEC EC NO: UCP2009-0180 DRAWING: GAVILL 2008/08/15 CHKD: AELHAG 2008/08/22 APPR: FSMITH 2008/08/22 BS1	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 6:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY GEP	DATE 10/26/87	TITLE CRIMP TERMINAL, MALE .093/(2.36) DIA. FOR 14 THRU 20 AWG. WIRE		
			4 PLACES	± ---	± ---	CHECKED BY RW	DATE 10/26/87			
			3 PLACES	± ---	± .010	APPROVED BY RAS	DATE 10/26/87		MOLEX MOLEX INCORPORATED	
			2 PLACES	± 0.25	± .014	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
			1 PLACE	± 0.13	± ---	SEE CHART		SD-1190-*		1 OF 1
			ANGULAR ± 1/2°							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							