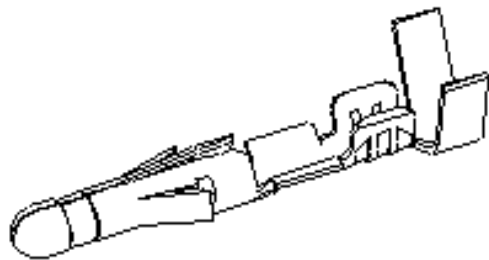


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002096106
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, 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	
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	1.65-4.06mm (.065-.160")
Wire Size AWG	14, 16, 18, 20
Wire Size mm²	N/A

Material Info

Old Part Number 1190-(550)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
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.*

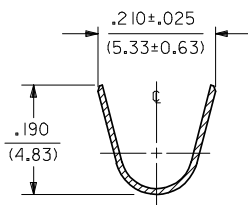
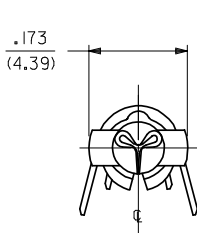
Global

Description	Product #
Hand Crimp Tool	0638191100
Insertion Tool	0011020003
Extraction Tool	0011030006
Hand Crimper - DISTRIBUTION ONLY	0638111000

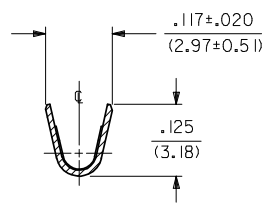
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

13	12	11	10	9	8	7	6	5	4	3	2	1
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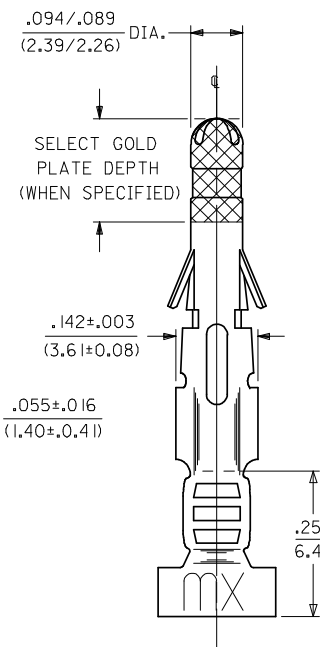
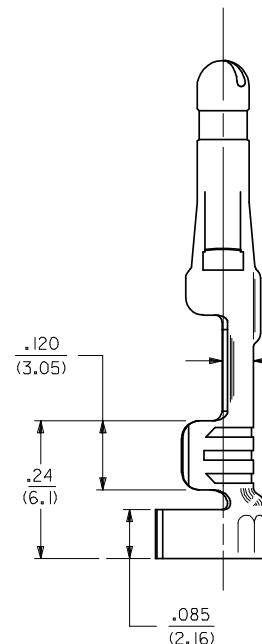
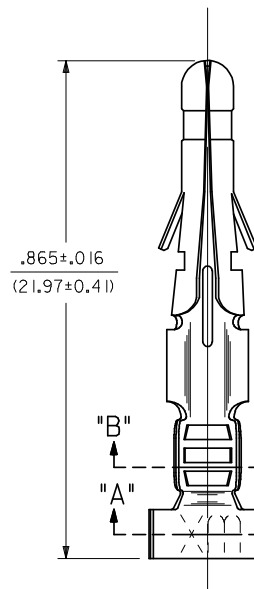
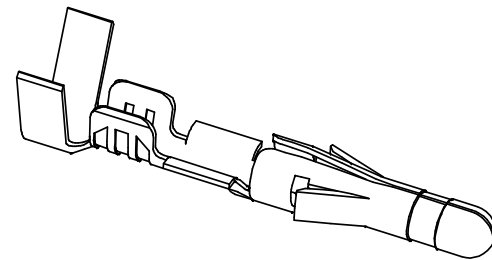
PART NO.	ENG. NO.
02-09-2103	1190-(P901)L
02-09-2101	1190-(P901)
02-09-6110	1190-(591)L
02-09-6101	1190-(591)
02-09-6106	1190-(550)L
02-09-6100	1190-(550)



SECT. "A-A"



SECT. "B-B"



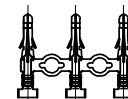
SEE NOTE

NOTES:

- MATERIAL:
CARTRIDGE BRASS
- 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.
- PRODUCT SPECIFICATION: PS-43660-9999
- PACKAGING SPECIFICATION: PK-1190-001
- INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED INTO .093 SERIES HOUSING.
- RETENTION: 20 LBS. MIN. FROM HOUSING.
- DIMENSION FROM THE END OF THE TERMINAL TO THE END OF THE BRUSH ON THE WIRE CRIMPED INTO THE TERMINAL.
- 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
 FINISH CODE



CHAIN FORM
FULL SCALE

- DIMENSION FROM THE END OF THE TERMINAL TO THE END OF THE BRUSH ON THE WIRE CRIMPED INTO THE TERMINAL.
- TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL ACCEPT 14 THRU 20 AWG WIRE.

ADD PK SPEC EC NO.: UCP2009-0180 DRAWING: GAVRILL 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 MOLEX INCORPORATED					
			4 PLACES	± ---	± ---	CHECKED BY RW	DATE 10/26/87						
			3 PLACES	± ---	± .010	APPROVED BY RAS	DATE 10/26/87						
			2 PLACES	± 0.25	± .014	MATERIAL NO.	DOCUMENT NO.						
			1 PLACE	± 0.13	± ---	SEE CHART	SD-1190-*						
			ANGULAR ±1/2°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 1					
			SIZE C					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					