This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002091104

Status: Active

Overview: standard_093

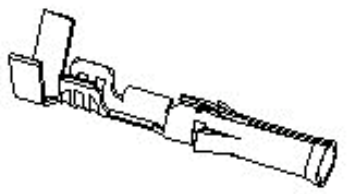
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1189, Female, with Tin (Sn) Plated Brass Contact, 14-20 AWG, Bag

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-02-09 (PDF)



Series image - Reference only

General

Product Family	Crimp Terminals
Series	1189
Crimp Quality Equipment	Yes
Overview	standard_093
Product Name	Standard .093"

Physical

Gender	Female
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	1189-A(P901)L

Reference - Drawing Numbers

Product Specification	PS-02-09
Sales Drawing	SD-1189-*

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
1189Series

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.

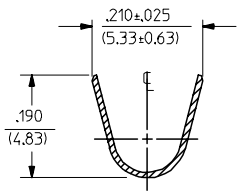
Global

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

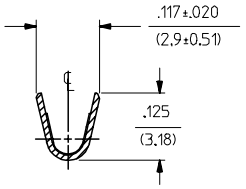
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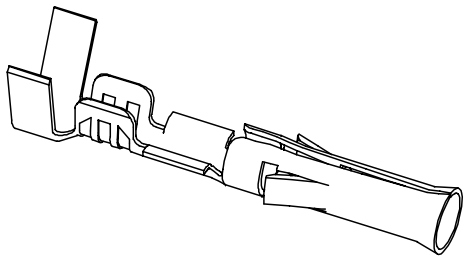
PART NO.	ENG. NO.
02-09-1104	1189-A(P901)L
02-09-1102	1189-A(P901)
02-09-5111	1189-A(P591)L
02-09-5102	1189-A(P591)
02-09-5106	1189-A(P550)L
02-09-5100	1189-A(P550)

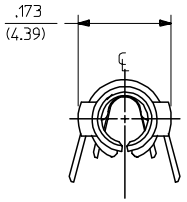


SECT. "A-A"



SECT. "B-B"





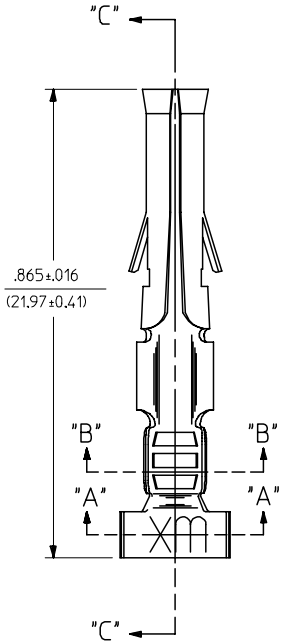
LEGEND

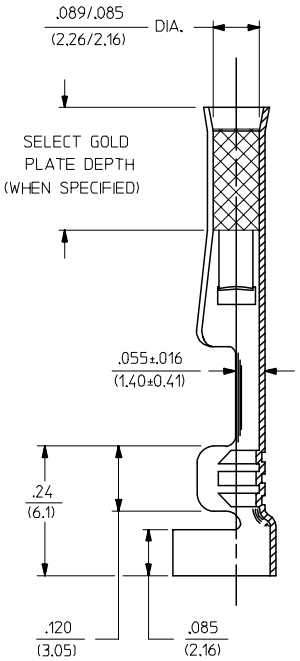
1189-A(****)*

FORM
BLANK=CHAIN
L=LOOSE

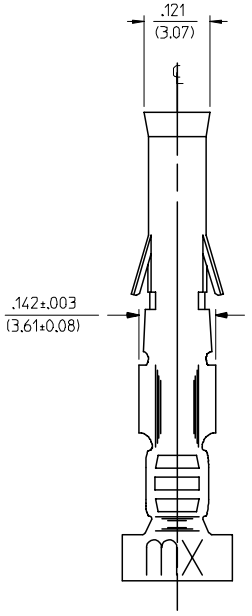
P=PREPLATE
BLANK=POSTPLATE

FINISH CODE

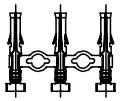




SECT. "C-C"



CHAIN FORM
FULL SCALE



NOTES:

1. MATERIAL: CARTRIDGE BRASS, ALLOY #C26000, .010/(0.25) THICK
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.
   - *THE PRIMARY SHIPPING CARTON WILL BE LABELED, "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX OF DIRECTIVE 2000/53/EC", AND CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD.
3. THIS PART CONFORMS TO PROD. SPEC. 02-09.
4. PACKAGING INFORMATION: NOT AVAILABLE
5. TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL ACCEPT 14 THRU 20 AWG WIRE.
6. INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED INTO AN .093 SERIES HOUSING.
7. RETENTION: 20 LBS. MIN. FROM HOUSING.

ADDED PARTS
EC NO: UCP2006-1061 2005/11/18
DRWN:DPETERSON 2005/11/29
CHKD:FSMITH 2005/12/02
APPR:FSMITH
DESCRIPTION
REV
C1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---
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: 1987/10/26
CHECKED BY: RW DATE: 1987/10/26
APPROVED BY: RAS DATE: 1987/10/26

TITLE: CRIMP TERMINAL, FEMALE, .093/(2.36) DIA. 14-20 AWG

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-1189-*
SHEET NO.: 1 OF 1

SIZE C

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