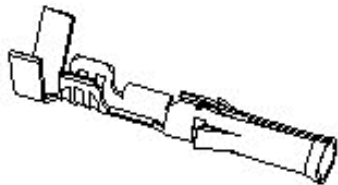


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002095100
Status: Active
Overview: standard_093
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1189, Female, with Gold (Au) Plated Brass Contact, 14-20 AWG, Reel

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-02-09 \(PDF\)](#)

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	Gold
Material - Plating Termination	Nickel
Packaging Type	Reel
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	30
Plating min: Termination (µm)	0.76
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(P550)
Reference - Drawing Numbers	
Product Specification	PS-02-09
Sales Drawing	SD-1189-*



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

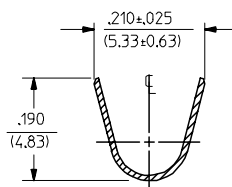
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
1189Series

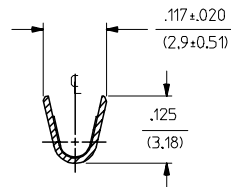
Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> Global	
Description	Product #
Mini-Mac™ Applicator	0638927100
Mini-Mac™ Applicator	0638927300
Insertion Tool	0011020003
Extraction Tool	0011030006
Terminator Die	0011402001
Hand Crimper - DISTRIBUTION ONLY	0638111000

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

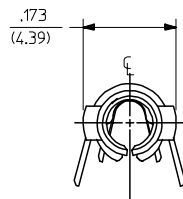
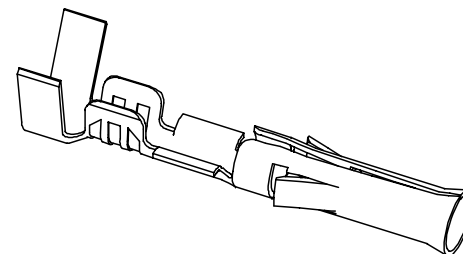
PART NO.	ENG. NO.
02-09-1104	1189-A(P901)L
02-09-1102	1189-A(P901)
02-09-5111	1189-A(P591)L
02-09-5102	1189-A(P591)
02-09-5106	1189-A(P550)L
02-09-5100	1189-A(P550)



SECT. "A-A"



SECT. "B-B"



LEGEND

1189-A(****)*

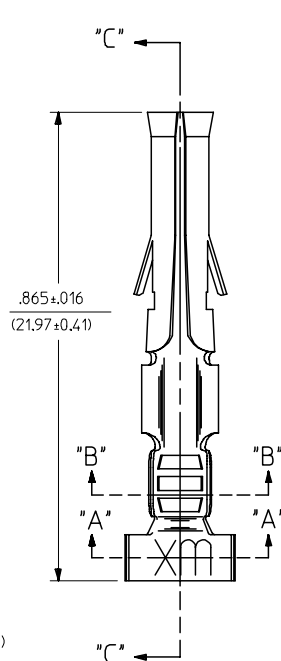
FORM
BLANK=CHAIN
L=LOOSE

P=PREPLATE
BLANK=POSTPLATE

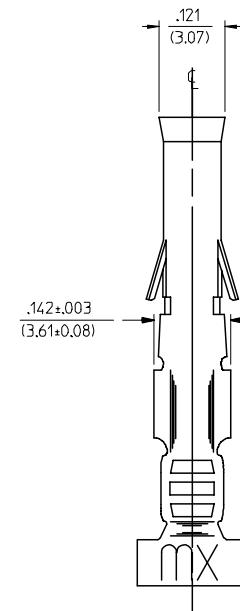
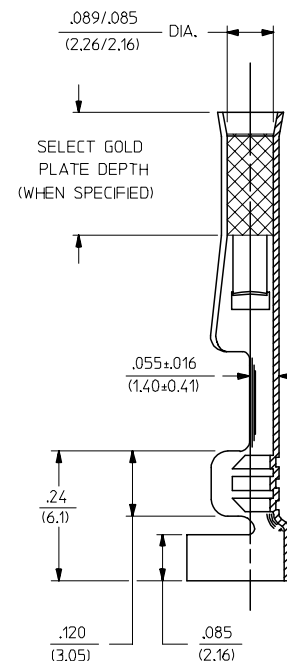
FINISH CODE

NOTES:

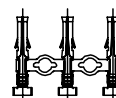
- MATERIAL: CARTRIDGE BRASS, ALLOY #C26000, .010/(0.25) THICK
- FINISH CODES:
 - 901 HOT TIN DIP .000020/(0.00051) MIN.
 - 591 SELECT GOLD PLATE .000050/(0.00127) MIN. IN CONTACT AREA, OVER .000050/(0.00127) MIN. NICKEL OVERALL WITH .000010/(0.00025) MAX. GOLD FLASH OVERALL.
 - 550 SELECT GOLD PLATE .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.
- THIS PART CONFORMS TO PROD. SPEC. 02-09.
- PACKAGING INFORMATION: NOT AVAILABLE
- TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL ACCEPT 14 THRU 20 AWG WIRE.
- INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED INTO AN .093 SERIES HOUSING.
- RETENTION: 20 LBS. MIN. FROM HOUSING.



SECT. "C-C"



CHAIN FORM
FULL SCALE



ADDED PARTS EC NO: UCP2006-1061 DRAWN BY: DRWANDPETERSON CHKD BY: CHKDCFSM TH APPR: FSM TH DATE: 2005/11/18 DATE: 2005/11/29 DATE: 2005/12/02	DESCRIPTION	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	DATE	TITLE		
			4 PLACES	± .005	± .005	GEP	1987/10/26	CRIMP TERMINAL, FEMALE, .093/(2.36) DIA. 14-20 AWG		
			3 PLACES	± .010	± .010	CHECKED BY	DATE	MOLEX INCORPORATED		
			2 PLACES	± 0.25	± .014	RW	1987/10/26	SD-1189-*		
			1 PLACE	± 0.35	± .014	APPROVED BY	DATE	SHEET NO. 1 OF 1		
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			