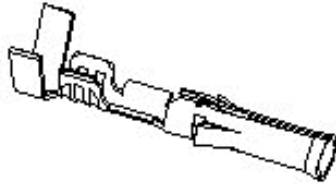


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0002091102](#)
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, 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	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
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)
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

China RoHS

Need more information on product environmental compliance?

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

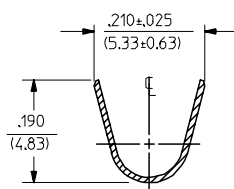
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[1189Series](#)

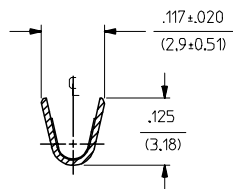
Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> Global	
Description	Product #
Mini-Mac™ Applicator	0638927100
Mini-Mac™ Applicator	0638927300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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

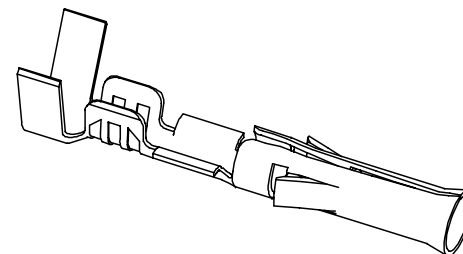
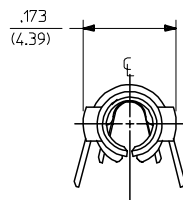
PART NO.	ENG. NO.
02-09-1104	1189-A(P901)L
02-09-1102	1189-A(P901)
02-09-5111	1189-A(P591)L
02-09-5102	1189-A(P591)
02-09-5106	1189-A(P550)L
02-09-5100	1189-A(P550)



SECT. "A-A"



SECT. "B-B"



LEGEND

1189-A(****)*

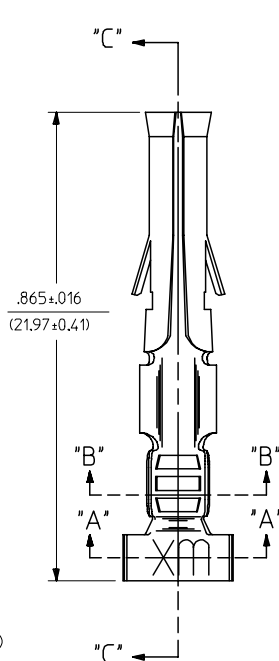
FORM
BLANK=CHAIN
L=LOOSE

P=PREPLATE
BLANK=POSTPLATE

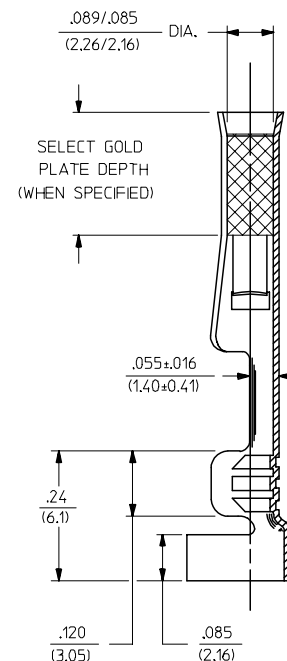
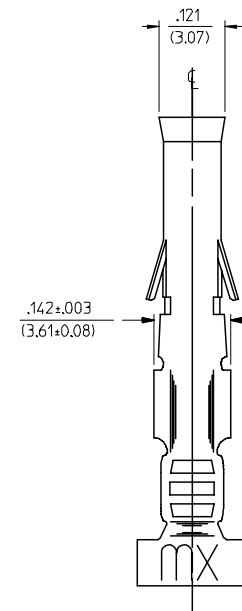
FINISH CODE

NOTES:

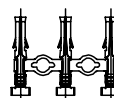
- MATERIAL: CARTRIDGE BRASS, ALLOY #C26000, .010/(0.25) THICK
- FINISH CODES:
 - 901 HOT TIN DIP .000020/(0.00051) MIN.
 - 591 SELECT GOLD PLATE .000050/(0.00127) MIN. IN CONTACT AREA, OVER .000050/(0.00127) MIN. NICKEL OVERALL WITH .000010/(0.00025) MAX. GOLD FLASH OVERALL.
 - 550 SELECT GOLD PLATE .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		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2006-1061						IN/MM		6:1		INCH			
DRWN:DPETERSON		=O		mm INCH		DRAWN BY DATE							
2005/11/29				4 PLACES ± --- ± ---		GEP 1987/10/26							
CHK:DFSMITH		=O		3 PLACES ± --- ± .010		CHECKED BY DATE							
2005/12/02				2 PLACES ± 0.25 ± .014		RW 1987/10/26							
				1 PLACE ± 0.35 ± ---		APPROVED BY DATE							
				ANGULAR ±1/2°		RAS 1987/10/26							
						MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-1189-*				1 OF 1	
C1						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					