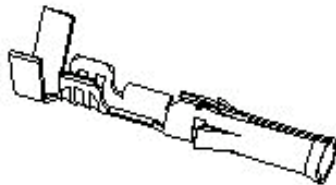


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002095106
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, Bag

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	Bag
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)L
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](#)

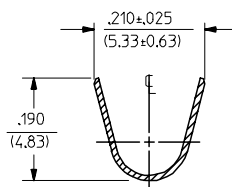
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
1189Series

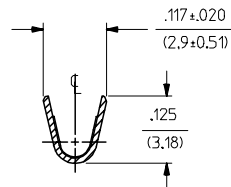
Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> Global	
Description	Product #
Hand Crimp Tool	0638191100
Insertion Tool	0011020003
Extraction Tool	0011030006
Hand Crimper - DISTRIBUTION ONLY	0638111000

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

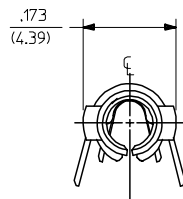
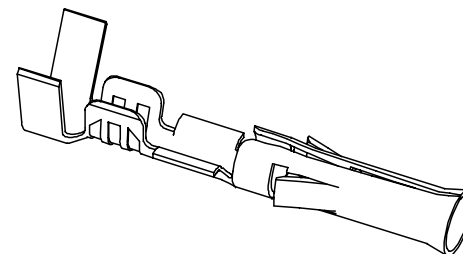
PART NO.	ENG. NO.
02-09-1104	1189-A(P901)L
02-09-1102	1189-A(P901)
02-09-5111	1189-A(P591)L
02-09-5102	1189-A(P591)
02-09-5106	1189-A(P550)L
02-09-5100	1189-A(P550)



SECT. "A-A"



SECT. "B-B"



LEGEND

1189-A(****)*

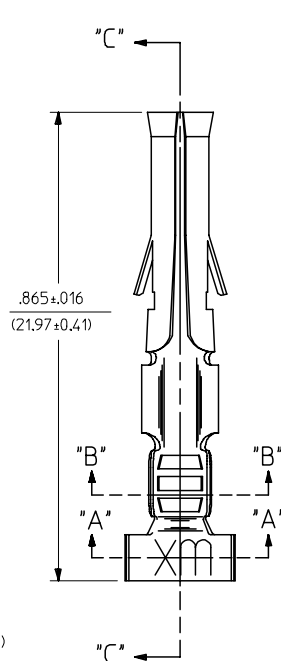
FORM
BLANK=CHAIN
L=LOOSE

P=PREPLATE
BLANK=POSTPLATE

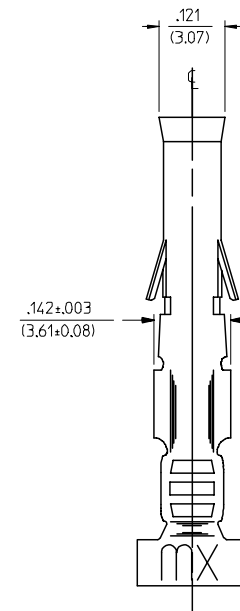
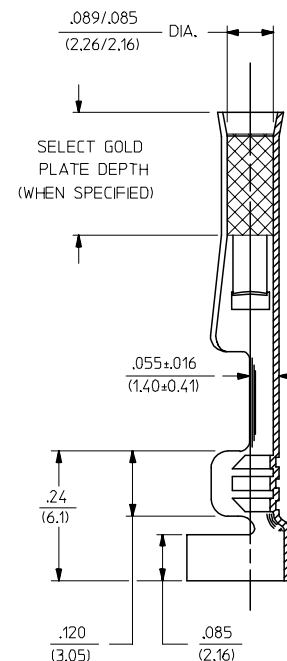
FINISH CODE

NOTES:

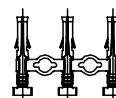
- MATERIAL: CARTRIDGE BRASS, ALLOY #C26000, .010/(0.25) THICK
- FINISH CODES:
 - 901 HOT TIN DIP .000020/(0.00051) MIN.
 - 591 SELECT GOLD PLATE .000050/(0.00127) MIN. IN CONTACT AREA, OVER .000050/(0.00127) MIN. NICKEL OVERALL WITH .000010/(0.00025) MAX. GOLD FLASH OVERALL.
 - 550 SELECT GOLD PLATE .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 BY: FSM TH DATE: 2005/11/18 DATE: 2005/11/29 DATE: 2005/12/02	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE		
				IN/MM		6:1	INCH				
				mm	INCH	DRAWN BY				DATE	
				4 PLACES ± --- ± ---		GEP				1987/10/26	
				3 PLACES ± --- ± .010		CHECKED BY				DATE	
C1	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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.			
				SEE CHART		SD-1189-*		1 OF 1			
SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											