

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0002095130](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1381, Female, with Selective Gold (Au) Plated Brass Contact, 18-22 AWG, Reel

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-43660-9999 \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	1381
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)	50
Plating min: Mating (µm)	1.27
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.27
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.52-3.05mm (.060-.120")
Wire Size AWG	18, 20, 22
Wire Size mm²	N/A
Material Info	
Old Part Number	1381P591
Reference - Drawing Numbers	
Product Specification	PS-43660-9999
Sales Drawing	SD-1381-*

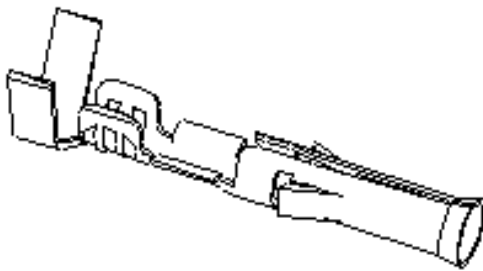


image - Reference only

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](#)

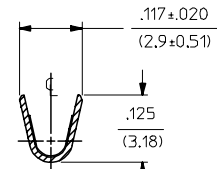
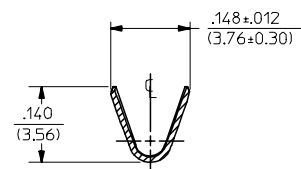
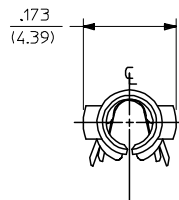
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[1381Series](#)

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	0638927000
Mini-Mac™ Applicator	0638924000
Insertion Tool	0011020003
Extraction Tool	0011030006
Terminator Die	0011402002

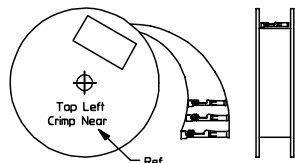
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PART NO.	ENG. NO.
02-09-1119	1381-A(P901)L
02-09-1117	1381-A(P901)
02-09-1115	1381-A(P901)1
02-09-5133	1381-A(P591)L
02-09-5130	1381-A(P591)
02-09-5142	1381-A(P550)L
02-09-5143	1381-A(550)



SECT. "A-A"

SECT. "B-B"



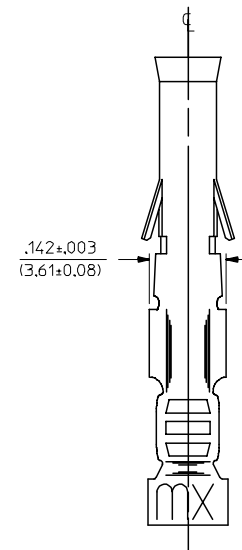
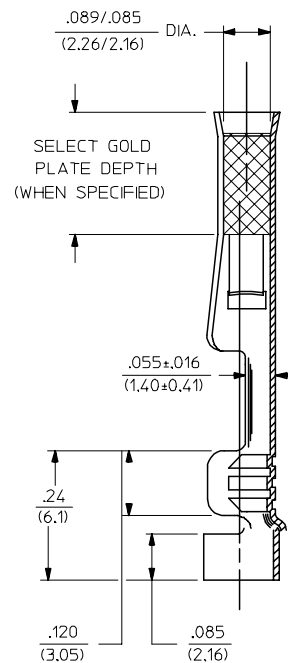
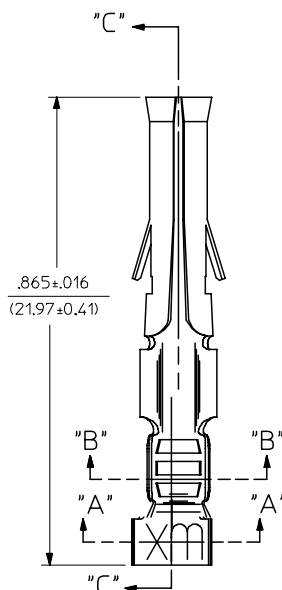
LEGEND

1381-A(****)*

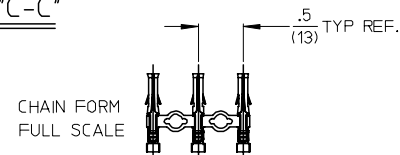
P = PREPLATE
BLANK = POSTPLATE

FORM
BLANK = STD. CHAIN
1 = STD. CHAIN WITH INTERLEAF PAPER
L = LOOSE

FINISH CODE



SECT. "C-C"



NOTES:

1. MATERIAL: BRASS
2. FINISH:

- 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.

3. PRODUCT SPECIFICATION PS-43660-9999.
4. PACKAGING INFORMATION: NOT AVAILABLE
5. TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL ACCEPT 18-22 AWG WIRE
6. INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED INTO AN .093 SERIES HOUSING.
7. TERMINAL RETENTION: 20 LBS. MIN. FROM HOUSING.

REMOVE DIMPLE P/NS EC NO: UCP2006-2900 DRAWN: P/DER 2006/06/29 CHKD: AEL/HAG 2006/07/05 APPR: FSI/TH 2006/07/05 REV	QUALITY SYMBOLS =0 =0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 6:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY GEP	DATE 1987/11/06	TITLE CRIMP TERMINAL, FEMALE .093/(2.36) DIA. 18-22 AWG			
			4 PLACES ± --- ± ---	± ---	CHECKED BY RW	DATE 1987/11/06	MOLEX INCORPORATED			
			3 PLACES ± --- ± ---	± .005	APPROVED BY RAS	DATE 1987/11/06				
			2 PLACES ± 0.13 ± .010	± .010	MATERIAL NO. SD-1381-*		DOCUMENT NO.	SHEET NO. 1 OF 1		
			1 PLACE ± 0.25 ± ---	± ---	SEE CHART					
BW	NEW		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				