

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0002091119

Status:

Active

Overview:

standard_093

Description:

2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1381, Female, with Tin (Sn) Plated Brass Contact, 18-22 AWG, Bag

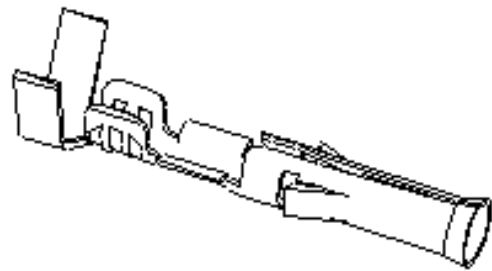


image - Reference only

Documents:

Drawing (PDF)

Product Specification PS-43660-9999 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	1381
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	standard_093
Product Name	Standard .093"
Physical	
Durability (mating cycles max)	25
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	1.52-3.05mm (.060-.120")
Wire Size AWG	18, 20, 22
Wire Size mm²	N/A

Material Info	
Old Part Number	1381-A(P901)L

Reference - Drawing Numbers	
Product Specification	PS-43660-9999
Sales Drawing	SD-1381-*

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

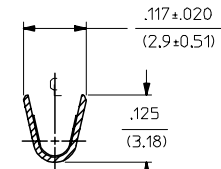
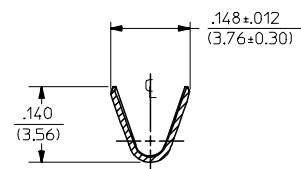
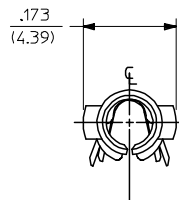
Use With
1619 Plug or Receptacle Housing, 1545 Plug or Receptacle Housing, 1396 Plug or Receptacle Housing, 1490 Plug or Receptacle Housing, 2629 Plug or Receptacle Crimp Housings, 1261 Plug or Receptacle Housing, 1292 Plug or Receptacle Housing, 1360 Plug or Receptacle Housing, 1375 Plug or Receptacle Housing, 3191 Plug or Receptacle Housing, 2163 Plug or Receptacle Housings

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 #
Insertion Tool	0011020003
Extraction Tool	0011030006

This document was generated on 06/07/2010

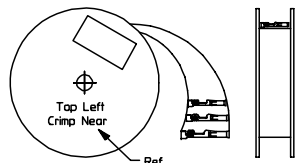
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PART NO.	ENG. NO.
02-09-1119	1381-A(P901)L
02-09-1117	1381-A(P901)
02-09-1115	1381-A(P901)1
02-09-5133	1381-A(P591)L
02-09-5130	1381-A(P591)
02-09-5142	1381-A(P550)L
02-09-5143	1381-A(550)



SECT. "A-A"

SECT. "B-B"



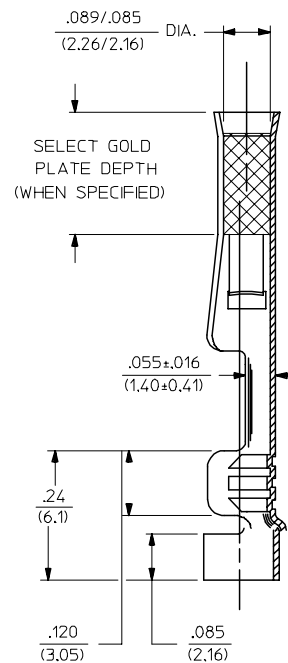
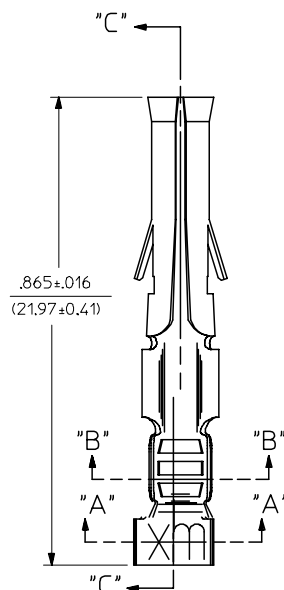
LEGEND

1381-A(****)*

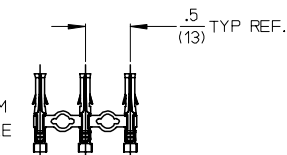
P = PREPLATE
BLANK = POSTPLATE

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