

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0002095143

Status:

Active

Overview:

standard_093

Description:

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

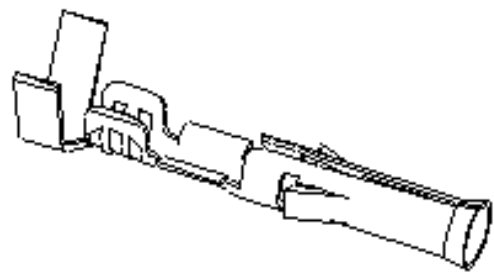


image - Reference only

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)	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	1.52-3.05mm (.060-.120")
Wire Size AWG	18, 20, 22
Wire Size mm²	N/A

Material Info

Old Part Number	1381G3
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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

Application Tooling | FAQ

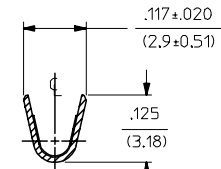
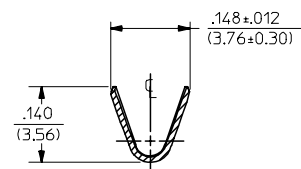
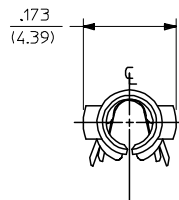
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

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

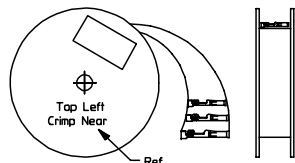
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PART NO.	ENG. NO.
02-09-1119	1381-A(P901)L
02-09-1117	1381-A(P901)
02-09-1115	1381-A(P901)1
02-09-5133	1381-A(P591)L
02-09-5130	1381-A(P591)
02-09-5142	1381-A(P550)L
02-09-5143	1381-A(550)



SECT. "A-A"

SECT. "B-B"



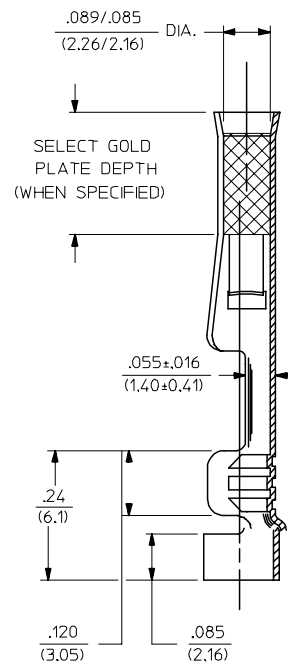
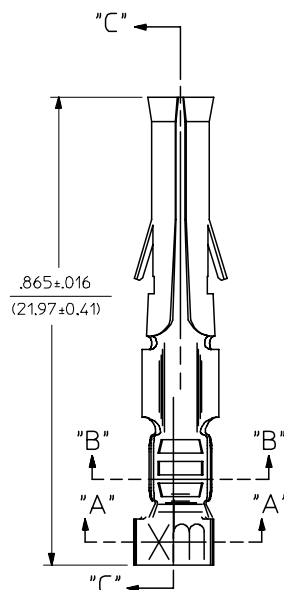
LEGEND

1381-A(****)*

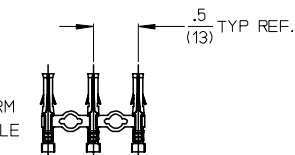
P = PREPLATE
BLANK = POSTPLATE

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	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	± ---	± ---	GEP	1987/11/06	CRIMP TERMINAL, FEMALE				
			3 PLACES	± ---	± .005	CHECKED BY	DATE	.093/(2.36) DIA.				
			2 PLACES	± 0.13	± .010	RW	1987/11/06	18-22 AWG				
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE	moLEX	MOLEX INCORPORATED			
			ANGULAR ±1/2°		RAS	1987/11/06						
			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						