

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0002096125](#)
Status: **Active**
Overview: [standard_093](#)
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1380, Male, with Selective Gold (Au) Plated Brass Contact, 18-22 AWG, Reel

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-02-09 \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	1381
Crimp Quality Equipment	Yes
Overview	standard_093
Product Name	Standard .093"
Physical	
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Packaging Type	Reel
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.25
Plating min: Termination (µin)	10
Plating min: Termination (µm)	0.25
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	1380591
Reference - Drawing Numbers	
Product Specification	PS-02-09
Sales Drawing	SD-1380-*

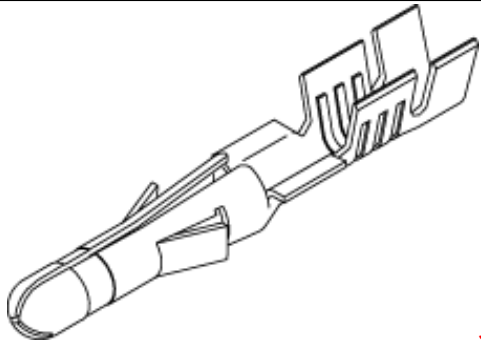


image - Reference only

Series

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.

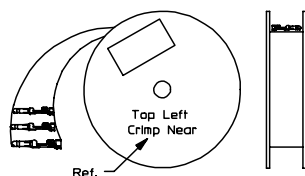
Search Parts in this Series
[1381Series](#)

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.

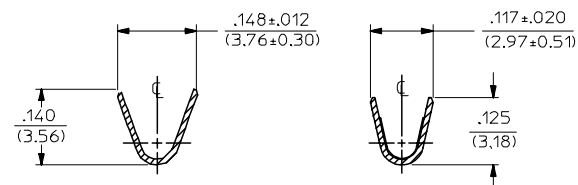
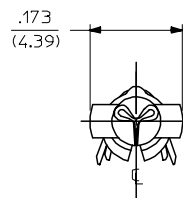
Global	
Description	Product #
Mini-Mac™ Applicator	0638927000
Mini-Mac™ Applicator	0638924000
Insertion Tool	0011020003
Extraction Tool	0011030006
Terminator Die	0011402002

PART NO.	ENG. NO.
02-09-2118	1380-(P901)L
02-09-2116	1380-(P901)
02-09-2127	1380-(P901)1
02-09-6126	1380-(591)L
02-09-6125	1380-(591)
02-09-6123	1380-(550)L
02-09-6122	1380-(550)
02-09-2119	1380-A(P901)L
02-09-2117	1380-A(P901)

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02-09-2116	1380-(P901)
02-09-2127	1380-(P901)1
02-09-6126	1380-(591)L
02-09-6125	1380-(591)
02-09-6123	1380-(550)L
02-09-6122	1380-(550)
02-09-2119	1380-A(P901)L
02-09-2117	1380-A(P901)

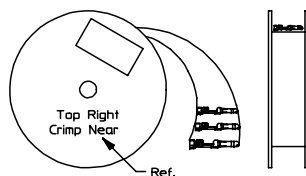


REWOUND CHAIN



SECT. "A-A"

SECT. "B-B"



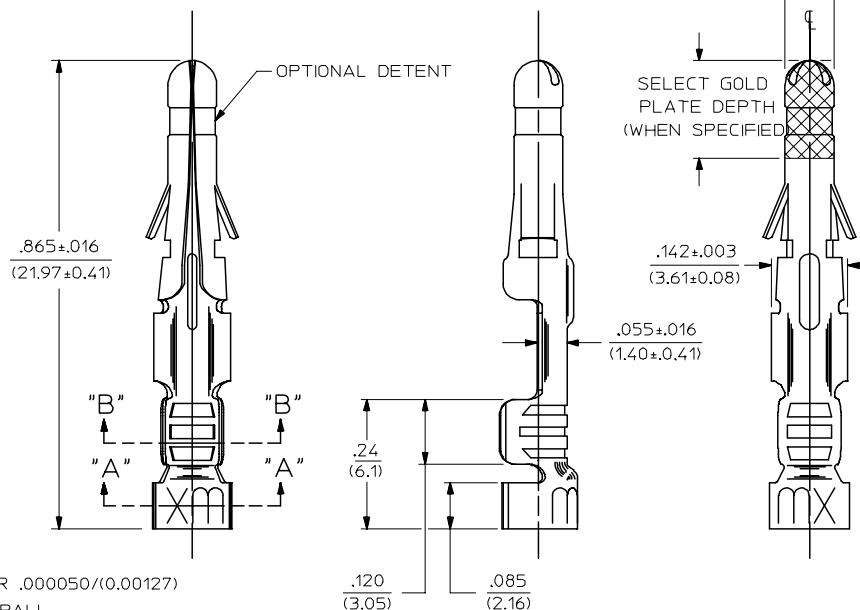
STANDARD CHAIN

LEGEND

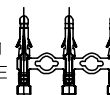
1380-*(*)***)*
 OPTIONAL DETENT
 BLANK = WITH DETENT
 A = WITHOUT DETENT
 P = PREPLATE
 BLANK = POSTPLATE
 FORM
 BLANK = STD. CHAIN
 A = REWOUND CHAIN
 L = LOOSE
 1 = STD. CHAIN WITH INTERLEAF PAPER
 FINISH CODE
 (SEE NOTE 2)

NOTES:

- MATERIAL: BRASS
- FINISH:
 - 999 UNPLATED
 - 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.
- PRODUCT SPECIFICATION: PS-02-09,
- PACKAGING INFORMATION: NOT AVAILABLE
- TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL ACCEPT 18 THRU 22 AWG
- INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED INTO AN .093 SERIES HOUSING.
- TERMINAL RETENTION: 20 LBS. MIN. FROM HOUSING.



CHAIN FORM
FULL SCALE



REVISED/REDRAWN EC NO: UCP2004-2354 DRAWN: ROLTS 2005/07/20 CHKD: SMITH 2005/07/20 APPR: SMITH 2005/07/20 BV	QUALITY SYMBOLS -0 -0	DESCRIPTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE 6:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION TITLE CRIMP TERMINAL .093 DIA., MALE FOR 18 THRU 22 AWG. WIRE MOLEX INCORPORATED SEE CHART MATERIAL NO. DOCUMENT NO. SD-1380-*	REVISE ON CAD ONLY
				mm	INCH	DIMENSION STYLE IN/MM			
			4 PLACES	± ---	± ---	DRAWN BY GEP	DATE 1987/11/06		
			3 PLACES	± ---	± .010	CHECKED BY RW	DATE 1987/11/06		
			2 PLACES	± 0.25	± .14				
			1 PLACE	± 0.35	± ---				
			ANGULAR ±1/2°						
						APPROVED BY RAS	DATE 1987/11/06		SHEET NO. 1 OF 1
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			