

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0002096122
Status: Active
Overview: standard_093
Description: 2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1380, Male, with Gold (Au) Plated Brass Contact, 18-22 AWG, Reel

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

General	
Product Family	Crimp Terminals
Series	1380
Crimp Quality Equipment	Yes
Overview	standard_093
Product Name	Standard .093"
Physical	
Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Packaging Type	Reel
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
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	1380G3

Reference - Drawing Numbers	
Product Specification	PS-02-09
Sales Drawing	SD-1380-*

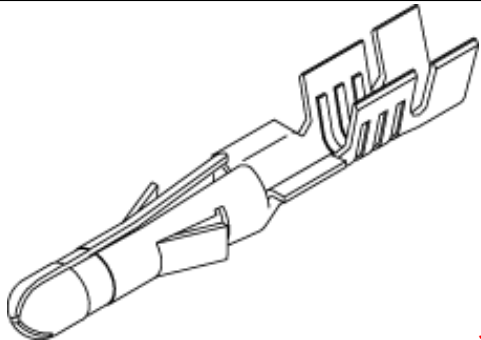


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

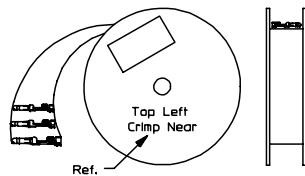
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
1380Series

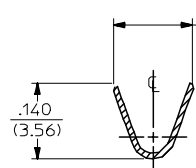
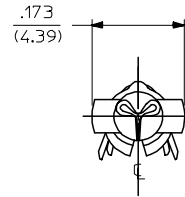
Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

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

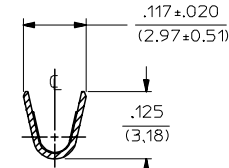
PART NO.	ENG. NO.
02-09-2118	1380-(P901)L
02-09-2116	1380-(P901)
02-09-2127	1380-(P901)1
02-09-6126	1380-(591)L
02-09-6125	1380-(591)
02-09-6123	1380-(550)L
02-09-6122	1380-(550)
02-09-2119	1380-A(P901)L
02-09-2117	1380-A(P901)



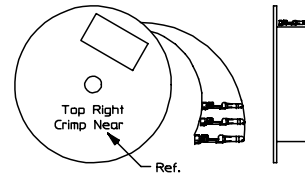
REWOUND CHAIN



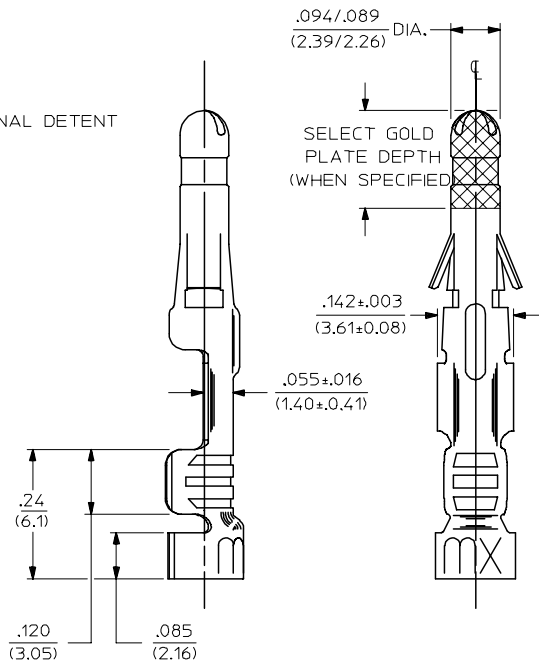
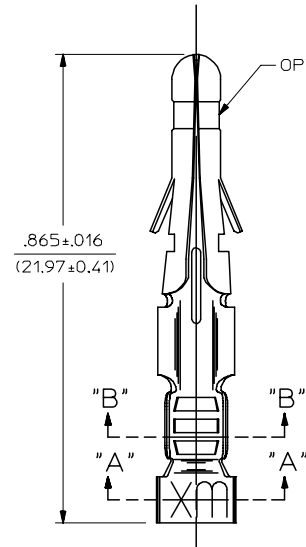
SECT. "A-A"



SECT. "B-B"



STANDARD CHAIN



CHAIN FORM
FULL SCALE

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.

REVISED/REDRAWN EC NO: UCP2004-2354 DRAWN:RHOLTS 2005/07/20 CHKD:FSMITH 2005/07/20 APPR:FSMITH 2005/07/20 BV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE		DESIGN UNITS			THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
			6:1		INCH					
			DIMENSION STYLE		TITLE					
			IN/MM		CRIMP TERMINAL					
			DRAWN BY		DATE					
			GEP		1987/11/06					
			CHECKED BY		DATE					
			RW		1987/11/06					
			APPROVED BY		DATE					
			RAS		1987/11/06					
DESCRIPTION	-0	-0	mm		INCH		MOLEX MOLEX INCORPORATED			
			4 PLACES ± --- ± ---		IN/MM					
			3 PLACES ± --- ± .010		DRAWN BY					
			2 PLACES ± 0.25 ± .14		DATE					
			1 PLACE ± 0.35 ± ---		GEP					
			ANGULAR ±1/2°		1987/11/06					
			DRAFT WHERE APPLICABLE		CHECKED BY					
			MUST REMAIN WITHIN DIMENSIONS		RW					
					1987/11/06					
					APPROVED BY					
		RAS								
REV	-0	-0	mm		INCH		MOLEX MOLEX INCORPORATED			
			4 PLACES ± --- ± ---		IN/MM					
			3 PLACES ± --- ± .010		DRAWN BY					
			2 PLACES ± 0.25 ± .14		DATE					
			1 PLACE ± 0.35 ± ---		GEP					
			ANGULAR ±1/2°		1987/11/06					
			DRAFT WHERE APPLICABLE		CHECKED BY					
			MUST REMAIN WITHIN DIMENSIONS		RW					
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