

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0002095170

Status:

Active

Overview:

standard_093

Description:

2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 4550, Female, with Gold (Au) Plated Phosphor Bronze Contact, 14-20 AWG, Bag

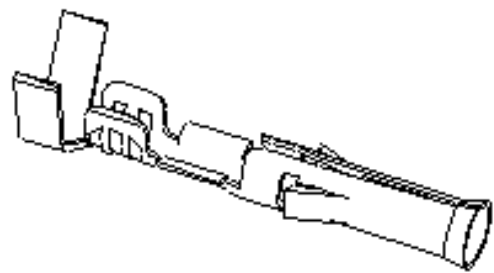


image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-02-09 (PDF)

General	
Product Family	Crimp Terminals
Series	4550
Crimp Quality Equipment	Yes
Overview	<u>standard_093</u>
Product Name	Standard .093"
Physical	
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Packaging Type	Bag
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.25
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.65-4.06mm (.065-.160")
Wire Size AWG	14, 16, 18, 20
Wire Size mm²	N/A
Material Info	
Old Part Number	4550-A(P558)L
Reference - Drawing Numbers	
Product Specification	PS-02-09
Sales Drawing	SD-4550-*

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

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

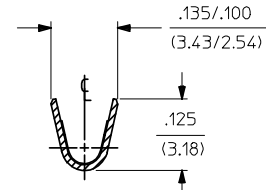
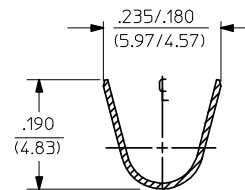
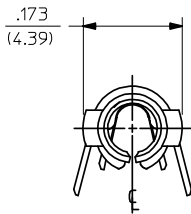
4550Series

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 #
Hand Crimp Tool	<u>0638191100</u>
Insertion Tool	<u>0011020003</u>

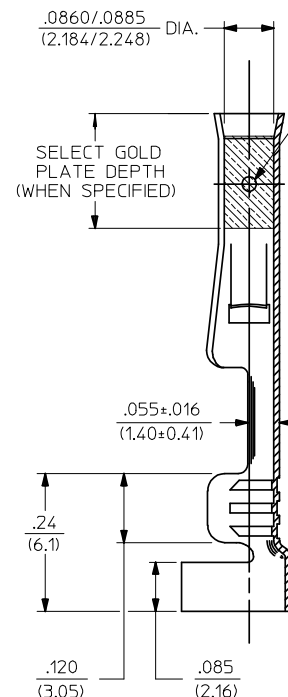
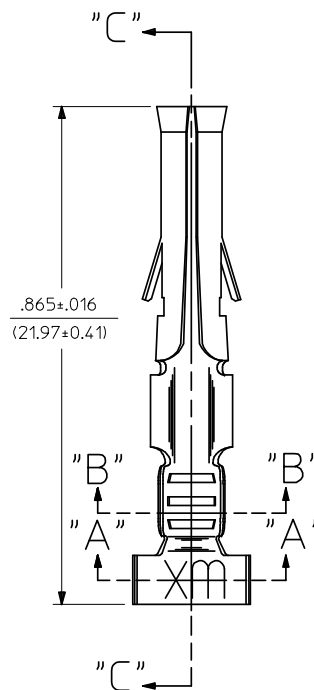
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PART NO.	ENG. NO.
02-09-1205	4550-(P901)
02-09-1206	4550-(P901)L
02-09-5169	4550-A(P558)
02-09-5170	4550-A(P558)L

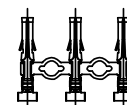
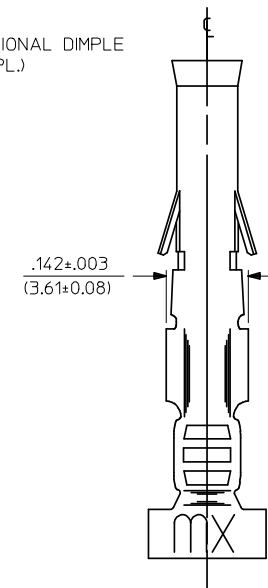


SECTION "A-A"

SECTION "B-B"



SECTION "C-C"



CHAIN FORM
FULL SCALE

LEGEND

4550-*(*)*(**)*
 OPTIONAL DIMPLE
 BLANK=WITH DIMPLE
 A= WITHOUT DIMPLE
 P=PREPLATE
 BLANK=POSTPLATE
 FORM
 BLANK=CHAIN
 L=LOOSE
 FINISH CODE

NOTES:

1. MATERIAL: PHOSPHOR BRONZE
2. FINISHES:
 901 - HOT TIN DIP .000020/(0.00051) MIN.
 558 - SELECT GOLD PLATE .000030/(0.00076) MIN. IN CONTACT AREA, OVER .000050/(0.00127) MIN. NICKEL OVERALL WITH .000010/(0.00025) MAX. GOLD FLASH.
3. THIS PART CONFORMS TO PROD. SPEC. 02-09.
4. TERMINAL FOR USE WITH .093/(2.36) SERIES HOUSINGS AND WILL ACCEPT 14 THRU 20 AWG WIRE.
5. INSERTION FORCE: 3.5 LBS. MAX. WHEN TERMINAL IS INSERTED INTO AN .093 SERIES HOUSING.
6. RETENTION: 20 LBS. MIN. FROM HOUSING.

CORRECT DIMENSION EC NO: UCP2009-0419 DRAWING: GAVRILL 2008/08/18 CHKD: AELHAG 2008/08/19 APPR: FSMITH 2008/08/20	DESCRIPTION REV	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 GWC	DATE 1991/05/02	TITLE CRIMP TERMINAL, FEMALE					
			4 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED					
			3 PLACES	± ---	± .010	RW	1991/05/02						
			2 PLACES	± 0.25	± .014	APPROVED BY	DATE	DOCUMENT NO. SD-4550-*					
			1 PLACE	± 0.35	± ---	GW	1991/05/02						
			ANGULAR ±1/2°			MATERIAL NO.		SHEET NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		1 OF 1					
						SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						