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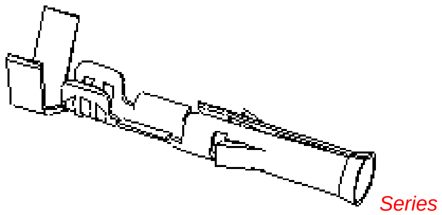
Part Number:	**0002091206**
Status:	**Active**
Overview:	standard_093
Description:	2.36mm (.093") Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 4550, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 14-20 AWG, Bag



Series 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	standard_093
Product Name	Standard .093"

Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	Phosphor Bronze
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	1.65-4.06mm (.065-.160")
Wire Size AWG	14, 16, 18, 20
Wire Size mm^2	N/A

Material Info

Old Part Number	4550-(P901)L

Reference - Drawing Numbers

Product Specification	PS-02-09
Sales Drawing	SD-4550-*

EU RoHS

China 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

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 #**
Hand Crimp Tool	0638191100
Insertion Tool	0011020003

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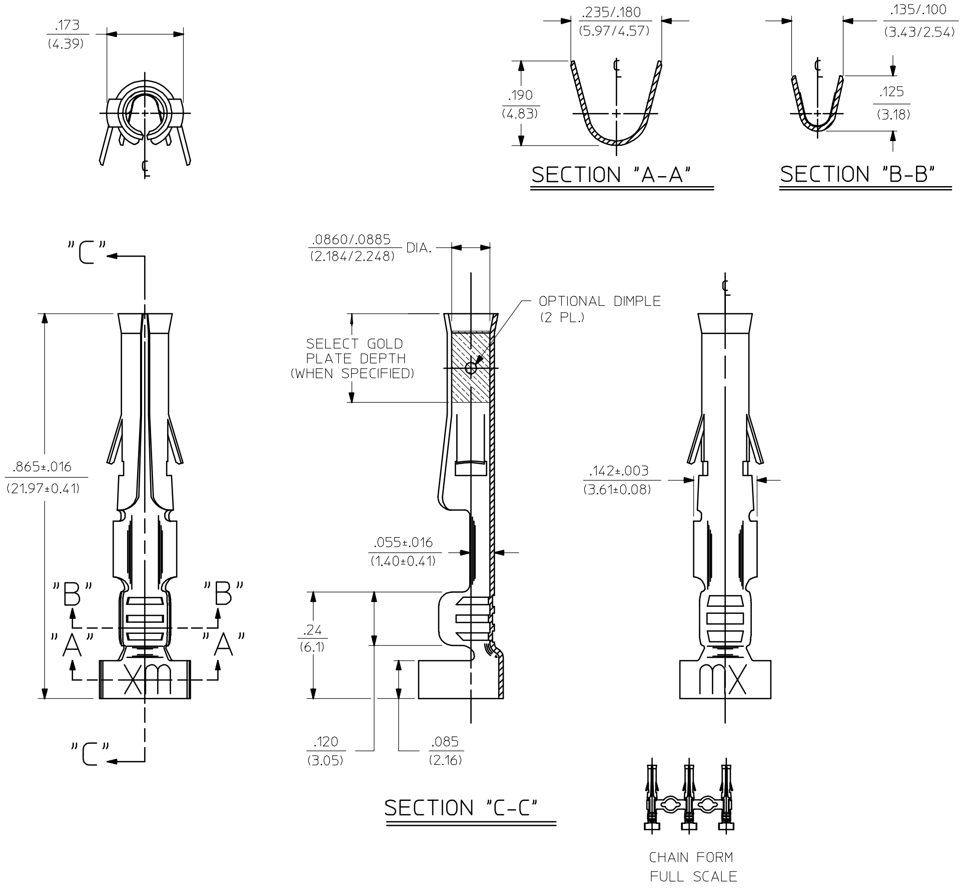
PART NO.	ENG. NO.
02-09-1205	4550-(P901)
02-09-1206	4550-(P901)L
02-09-5169	4550-A(P558)
02-09-5170	4550-A(P558)L



.173
(4.39)
.235/.180
(5.97/4.57)
.190
(4.83)
SECTION "A-A"
.135/.100
(3.43/2.54)
.125
(3.18)
SECTION "B-B"
"C"
.0860/.0885 DIA.
(2.184/2.248)
OPTIONAL DIMPLE
(2 PL.)
SELECT GOLD
PLATE DEPTH
(WHEN SPECIFIED)
.865±.016
(21.97±0.41)
.142±.003
(3.61±0.08)
.055±.016
(1.40±0.41)
"B"
"B"
"A"
"A"
.24
(6.1)
.120
(3.05)
.085
(2.16)
"C"
SECTION "C-C"
CHAIN FORM
FULL SCALE

LEGEND

4550-*(****)*

OPTIONAL DIMPLE
BLANK=WITH DIMPLE
A= WITHOUT DIMPLE

P=PREPLATE
BLANK=POSTPLATE

FINISH CODE

FORM
BLANK=CHAIN
L=LOOSE

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.

REV	DESCRIPTION		
C1	CORRECT DIMENSION EC NO: UCP2009-0419 DRWN:GAVERILL CH'KD:AELHAG APPR:FSMITH	 2008/08/18 2008/08/19 2008/08/20	

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	±.010
2 PLACES	± 0.25	±.014
1 PLACE	± 0.35	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE IN/MM	SCALE 6:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
DRAWN BY GWC	DATE 1991/05/02	TITLE	CRIMP TERMINAL, FEMALE
CHECKED BY RW	DATE 1991/05/02		
APPROVED BY GWF	DATE 1991/05/02	molex	MOLEX INCORPORATED
MATERIAL NO. SEE CHART		DOCUMENT NO. SD-4550-*	SHEET NO. 1 OF 1
SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		