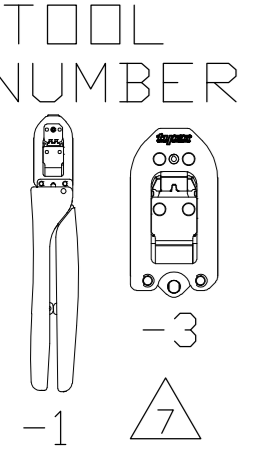


DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS). THIS DRAWING IS A CONTROLLED DOCUMENT.

TOOL NUMBER	WIRE SIZE mm <sup>2</sup> [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS <sup>1</sup>		CONTACT DESCRIPTION	APPLIC. SPECIF.
							LOOSE PIECE	STRIP FORM		
 -1 <sup>7</sup>										
91563-1 91563-3	0.20-0.56 [24-20]	1.50-2.20 [.059-.087]	YES	NO	4.0-4.5 [.157-.177]	0.98 ± 0.05 [.039 ± .002]	171699-[ ] <sup>4</sup>	171630-[ ] <sup>3 4</sup>	ECONOSEAL "J" II, .070 Series Contacts	114-5082
	0.20-0.56 [24-20]				1.02 ± 0.05 [.040 ± .002]	173600-[ ] <sup>4</sup>	171631-[ ] <sup>3 4</sup>			
91573-1 91573-3 <sup>6</sup>	0.50-0.89 [20-18] 1.25-1.42 [16]	2.00-2.60 [.079-.102]	NO	NO	3.5-4.5 [.138-.177]	1.20-1.35 [.047-.053] 1.45-1.60 [.057-.063]	175027-[ ] 175030-[ ]	173631-[ ] <sup>3</sup> 173645-[ ] <sup>3</sup>	.070 Series Contacts	114-5091 114-5092 114-5091-9 114-5092-9
91580-1 91580-3	0.20-0.22 [24] 0.30-0.35 [22]	1.20-1.50 [.047-.059] 1.20-1.60 [.047-.063]	NO	NO	3.5-4.5 [.138-.177]	1.00-1.10 [.039-.043] 1.05-1.18 [.041-.046]	175026-[ ] 175029-[ ]	173630-[ ] <sup>3</sup> 173633-[ ] <sup>3</sup>	.070 Series Contacts	114-5091-9 114-5092-9
91583-1 91583-3	0.50-0.89 [20-18] 1.25-1.42 [16]	2.00-2.70 [.079-.106]	YES	NO	4.5-5.0 [.177-.197]	1.20-1.32 [.047-.0512] 1.38-1.52 [.054-.060]	173707-[ ] <sup>5</sup>	171662-[ ] <sup>3 5</sup>	ECONOSEAL "J" II, .070 Series Contacts	114-5082
91585-1 91585-3	0.50-0.89 [20-18] 1.25-1.42 [16]	2.00-2.70 [.079-.106]	YES	NO	4.5-5.0 [.177-.197]	1.20-1.32 [.047-.052] 1.38-1.52 [.054-.060]	173706-[ ] <sup>5</sup>	171661-[ ] <sup>3 5</sup>	ECONOSEAL "J" II, .070 Series Contacts	114-5082

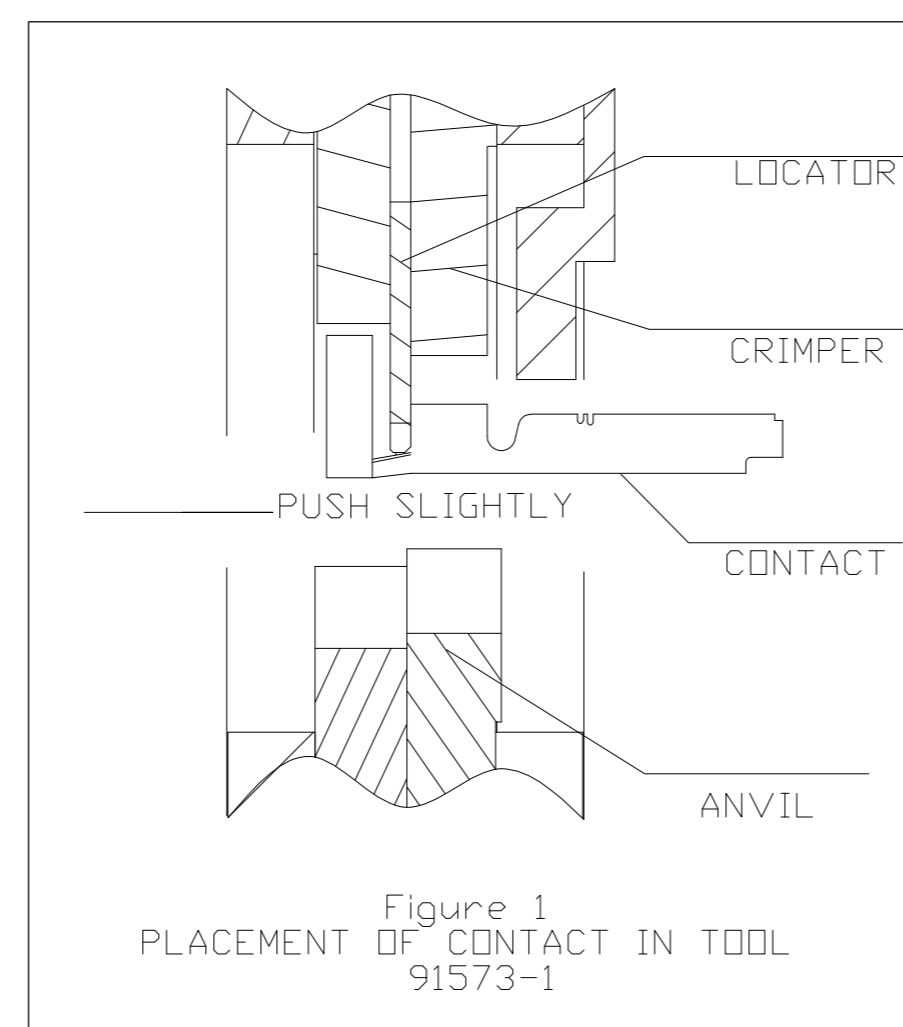
<sup>1</sup> LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

2. AMP, CERTI-CRIMP and ECONOSEAL ARE TRADEMARKS.

<sup>3</sup> TERMINAL MUST BE PRE-FORMED BEFORE IT CAN BE CRIMPED.

<sup>4</sup> .070 TYPE RUBBER PLUG 172746-[ ] OR 178210-[ ] IS USED WHEN CRIMPING THIS PRODUCT.

<sup>5</sup> .070 TYPE RUBBER PLUG 176886-[ ] OR 172888-[ ] IS USED WHEN CRIMPING THIS PRODUCT.





<sup>6</sup> POSITION CONTACT BETWEEN CRIMPS SO LOCATOR / INSULATION STOP ENTERS THE CONTACT. PUSH THE CONTACT TOWARD THE LOCATOR AS SHOWN IN FIGURE 1. HOLDING CONTACT IN PLACE, SQUEEZE TOOL HANDLES TOGETHER UNTIL INSULATION BARREL ANVIL STARTS ENTRY INTO INSULATION CRIMPER. DO NOT DEFORM INSULATION BARRREL OR WIRE BARREL AT THIS MOMENT.

<sup>7</sup> -1 IS A COMPLETE CERTICRIMP II HAND TOOL ASSEMBLY.  
-3 IS A CERTICRIMP II HEAD SUB-ASSEMBLY.

8. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414.

## CERTI-CRIMP II DATA SHEET

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -		DWN M. YOUNGER 21FEB2012 MATERIAL - HEAT TREAT - CHK B.A. WOLFE 22FEB2012 APVD B.A. WOLFE 22FEB2012 NAME B.A. WOLFE		 TE Connectivity	
B4 REVISED - NEW FORMAT 2-2012 MY BAW		ANGLE ± - SURFACE TEXTURE ✓		SCALE - SIZE A1 DRAWING NO 1583009 SHEET 1 OF 2 REV B4		CERTI-CRIMP II TOOL DATA SHEET ECONOSEAL J-11 & .070 SERIES CONTACTS	

LOC A  
DIST 00

DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS). THIS DRAWING IS A CONTROLLED DOCUMENT.

TOOL NUMBER 	WIRE SIZE mm <sup>2</sup> [AWG] 	INSULATION DIAMETER mm [in.] 	INSUL. ADJ. 	FLIP LOCATOR 	STRIP LENGTH mm [in.] 	CRIMP HEIGHT mm [in.] 	CONTACT PART NUMBERS		CONTACT DESCRIPTION	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
1752959-1 1752959-3	1.28-1.42 [16] 1.94-2.15 [14]	2.08-2.64 [082-.104]	YES	NO	3.60-4.20 [142-.165]	1.42 ± 0.05 [056 ± .002]	-	1-1437709-3	1.6 MM SYSTEM TERMINAL W/SEAL	N/A
						1.60 ± 0.05 [063 ± .002]	-	1-1437709-6		
1752960-1 1752960-3	0.50-0.60 [20] 0.81-0.96 [18]	1.40-2.21 [055-.087]	YES	NO	3.60-4.20 [142-.165]	1.07 ± 0.05 [042 ± .002]	-	1-1437709-2	1.6 MM SYSTEM TERMINAL W/SEAL	N/A
						1.19 ± 0.05 [047 ± .002]	-	1-1437709-5		
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

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LOC: A  
 DIST: 00

3308-8 (3/11)

-	SEE SHEET 1	-	-	-	-
P	LTR	REVISION RECORD	DATE	DWN	APVD

DIMENSIONS: mm

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -

ANGLES: -

SURFACE TEXTURE:

DWN	M. YOUNGER	21FEB2012	MATERIAL	-	HEAT TREAT	-
CHK	B.A. WOLFE	22FEB2012				
APVD	B.A. WOLFE	22FEB2012				
NAME	TE Connectivity					
SCALE	SIZE	DRAWING NO	SHEET	REV		
-	A1	1583009	2 of 2	B4		

# CERTI-CRIMP II DATA SHEET

CERTI-CRIMP II TOOL DATA SHEET  
 ECONOSEAL J-11 & .070 SERIES CONTACTS

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