

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		
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	0.50-0.89 [20-18]	2.00-2.60 [.079-.102]	NO	NO	3.5-4.5 [.138-.177]	1.20-1.35 [.047-.053]	175027-[ ] 175030-[ ]	173631-[ ] <sup>3</sup> 173645-[ ] <sup>3</sup>	.070 Series Contacts	114-5091 114-5092 114-5091-9 114-5092-9
	1.25-1.42 [16]				1.45-1.60 [.057-.063]					
91580-1 91580-3	0.20-0.22 [24]	1.20-1.50 [.047-.059]	NO	NO	3.5-4.5 [.138-.177]	1.00-1.10 [.039-.043]	175026-[ ] 175029-[ ]	173630-[ ] <sup>3</sup> 173633-[ ] <sup>3</sup>	.070 Series Contacts	114-5091-9 114-5092-9
	0.30-0.35 [22]	1.20-1.60 [.047-.063]				1.05-1.18 [.041-.046]				
91583-1 91583-3	0.50-0.89 [20-18]	2.00-2.70 [.079-.106]	YES	NO	4.5-5.0 [.177-.197]	1.20-1.32 [.047-.0512]	173707-[ ] <sup>5</sup>	171662-[ ] <sup>3 5</sup>	ECONOSEAL "J" II, .070 Series Contacts	114-5082
	1.25-1.42 [16]					1.38-1.52 [.054-.060]				
91585-1 91585-3	0.50-0.89 [20-18]	2.00-2.70 [.079-.106]	YES	NO	4.5-5.0 [.177-.197]	1.20-1.32 [.047-.052]	173706-[ ] <sup>5</sup>	171661-[ ] <sup>3 5</sup>	ECONOSEAL "J" II, .070 Series Contacts	114-5082
	1.25-1.42 [16]					1.38-1.52 [.054-.060]				

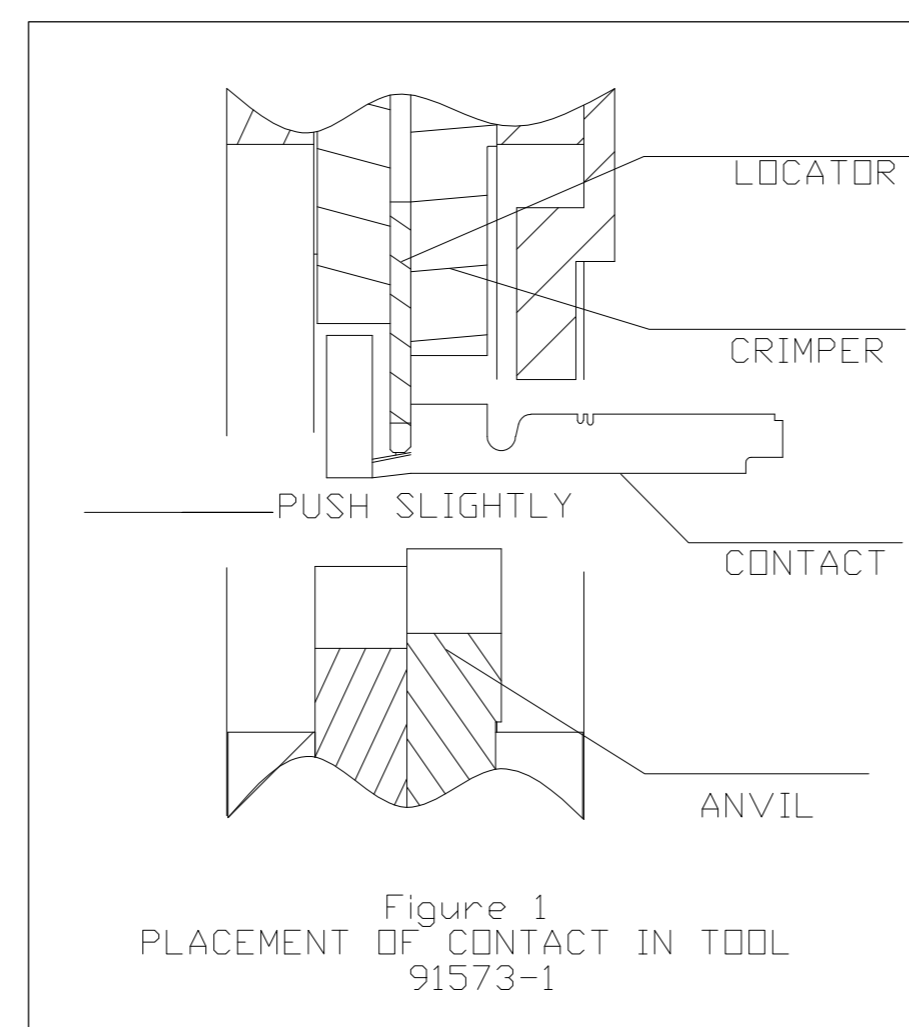
<sup>1</sup> LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

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:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		OWN	21FEB2012	MATERIAL	-	HEAT TREAT	-
mm		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -		CHK	22FEB2012	ECONOSEAL J-11 & .070 SERIES CONTACTS			
ANGLES ±		SURFACE TEXTURE		APVD	22FEB2012	TE Connectivity			
-		√		NAME	E.A. WOLFE	CERTI-CRIMP II TOOL DATA SHEET			
-		-		SCALE	-	ECONOSEAL J-11 & .070 SERIES CONTACTS			
-		-		SIZE	A1	DRAWING NO. 1583009			
-		-		SHEET	1	OF 2			
-		-		REV	B4				

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