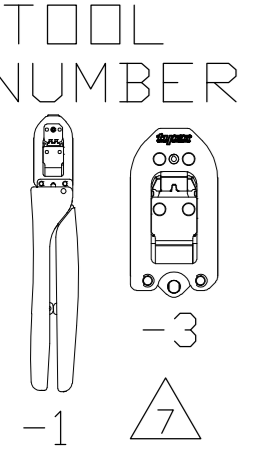


DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS). THIS DRAWING IS A CONTROLLED DOCUMENT.

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

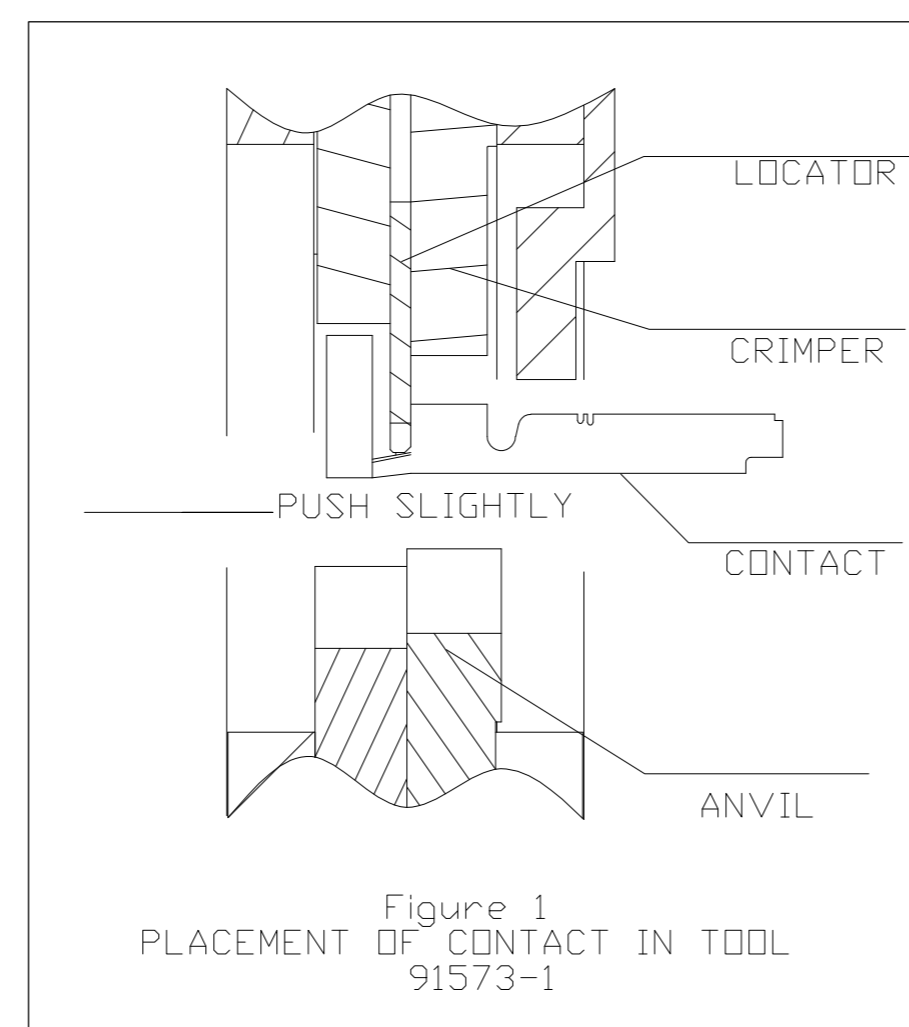
<sup>1</sup> LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

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.

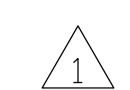
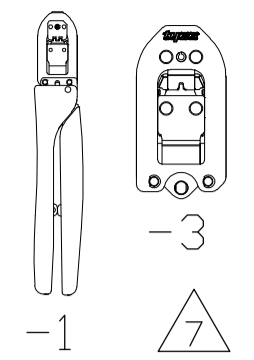
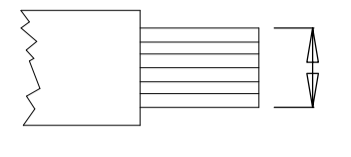
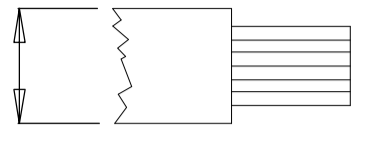
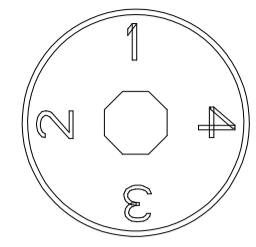
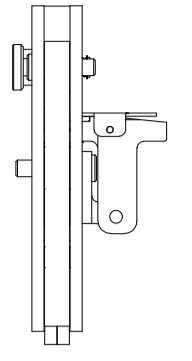
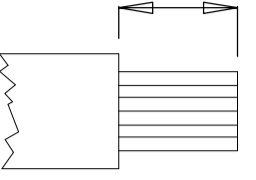
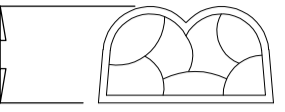
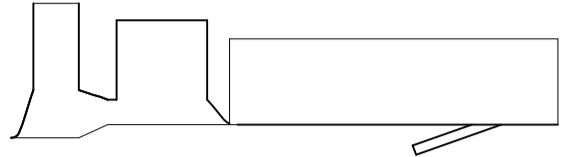
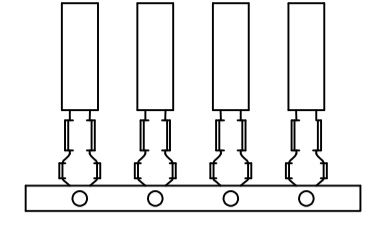
8. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414.

## 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				CERTI-CRIMP II TOOL DATA SHEET ECONOSEAL J-11 & .070 SERIES CONTACTS			
SCALE - SIZE A1 DRAWING NO 1583009 SHEET 1 OF 2 REV B4		SURFACE TEXTURE <input checked="" type="checkbox"/>					

LOC A  
DIST 00



DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS).  
 THIS DRAWING IS A CONTROLLED DOCUMENT. DRAW NO. 1583009

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		
 -1										
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] 1.60 ± 0.05 [.063 ± .002]	- -	1-1437709-3 1-1437709-6	1.6 MM SYSTEM TERMINAL W/SEAL	N/A
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] 1.19 ± 0.05 [.047 ± .002]	- -	1-1437709-2 1-1437709-5	1.6 MM SYSTEM TERMINAL W/SEAL	N/A
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

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LOC: A  
 DIST: 00

## CERTI-CRIMP II DATA SHEET

DWN: M. YOUNGER 21FEB2012		MATERIAL: -	HEAT TREAT: -
CHK: B.A. WOLFE 22FEB2012			
APVD: B.A. WOLFE 22FEB2012			
NAME: CERTI-CRIMP II TOOL DATA SHEET			
ECONOSEAL J-11 & .070 SERIES CONTACTS			
SCALE: -	SIZE: A1	DRAWING NO: 1583009	SHEET: 2 of 2
REVISION RECORD		DATE	DWN
- SEE SHEET 1		-	-
DIMENSIONS: mm		DIMENSIONS: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -	
SURFACE TEXTURE: 		ANGLES: - SURFACE TEXTURE: 