

THIS DRAWING IS A CONTROLLED DOCUMENT. PART NO 1583003

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 $\Delta$		CONTACT DESCRIPTION	APPLIC. SPECIF.
							LOOSE PIECE	STRIP FORM		
91516-1 91516-3	0.05 - 0.15 [30-26]	1.22 MAX [.048 MAX]	YES	NO	3.96 ± 0.38 [.156 ± .015]	0.686 ± 0.051 [.027 ± .0020]	86015-[ ] $\Delta$ 87045-[ ]	85967-[ ] $\Delta$ 86491-[ ]	AMPMODU MOD IV Rec. Contacts	114-25003
	0.2 - 0.6 [24-20]	1.75 MAX [.069 MAX]			4.34 ± 0.38 [.171 ± .015]	0.775 ± 0.051 [.0305 ± .0020]	86016-[ ] 87309-[ ]	85969-[ ] 87309-[ ]		
91517-1 91517-3	0.12 - 0.24 [26-24]	1.02-1.52 [.040-.060]	YES	YES	3.56 ± 0.38 [.140 ± .015]	0.76 ± 0.05 [.030 ± .002]	87667-[ ] 102548-[ ] 87756-[ ] 103171-[ ]	87666-[ ] 102095-[ ] 166678-[ ]	AMPMODU MOD IV AND V CONTACTS	114-25016 114-25003
	0.32 - 0.38 [22]					0.86 ± 0.05 [.034 ± .002]	102107-[ ] 166679-[ ] 102128-[ ]			
91518-1 91518-3	0.03 - 0.09 [32-28]	0.64-1.52 [.025-.060]	YES	YES	3.18-3.96 [.125-.156]	0.58 ± 0.05 [.023 ± .002]	104481-6 104481-8 104481-7	104481-1 104481-3 104481-2 104481-4	AMPMODU Short Point Contacts	114-25038
	0.12 - 0.38 [26-22]	0.64-1.52 [.025-.060]			3.18-3.96 [.125-.156]	0.79 ± 0.05 [.031 ± .002]	104480-7 104480-9 104480-8	104480-1 104480-3 104480-2 104480-4		
91533-1 91533-3	0.12 - 0.35 [26-22]	0.97-1.57 [.038-.062]	YES	YES	3.81 ± 0.13 [.150 ± .005]	0.76 ± 0.05 [.030 ± .002]	87165-[ ]	87124-[ ]	LOCKING CLIP Contacts	114-25006
91541-1 91541-3	0.03-0.06 [32-30]	0.51-1.02 [.020-.040]	YES	NO	2.77-4.37 [.109-.172]	0.56 ± 0.05 [.022 ± .002]	102098-[ ] 102316-[ ] 102917-[ ] 102918-[ ] 102920-[ ] 103455-[ ]		AMPMODU MOD IV AND V CONTACTS	114-25003
	0.08-0.10 [28-27]					0.56 ± 0.05 [.022 ± .002]				
91551-1 91551-3	0.20-0.56 [24-20]	0.64-1.52 [.025-.060]	YES	NO	3.18-3.96 [.125-.156]	0.74 ± 0.05 [.029 ± .002]	104479-5 104479-6 104479-7	104479-2 104479-3 104479-4	AMPMODU Short Point Contacts	114-25038
91601-1 91601-3	0.20 [24]	0.64-1.52 [.025-.060]	YES	NO	3.18-3.96 [.125-.156]	0.74 ± 0.05 [.029 ± .002]	104479-5 104479-6 104479-7	104479-2 104479-3 104479-4	AMPMODU Short Point Contacts	114-25038
	0.30-0.60 [22-20]									
2217081-1	0.03 - 0.09 [32-28]	1.02 MAX (.040 MAX)	YES	YES	4.37-2.77 [.172-.109]	0.56 ± 0.05 [.022 ± .002]	166310-2	167021-2	AMPMODU MOD IV AND V CONTACTS	114-25003
	0.20 - 0.56 [24-20]	SEE 114-25003			4.78-3.58 [.188-.141]	0.78 ± 0.05 [.030 ± .002]				
	0.12 - 0.14 [26]	1.22 MAX (.048 MAX)			4.37-2.77 [.172-.109]	0.69 ± 0.05 [.027 ± .002]				
2844540-1	0.05 - 0.15 [30-26]	1.22 MAX [.048 MAX]	YES	YES	3.96 ± 0.38 [.156 ± .015]	0.686 ± 0.051 [.027 ± .0020]	86015-[ ] $\Delta$ 87045-[ ]	85967-[ ] $\Delta$ 86491-[ ]	AMPMODU MOD IV Rec. Contacts	114-25003
	0.2 - 0.6 [24-20]	1.75 MAX [.069 MAX]			4.34 ± 0.38 [.171 ± .015]	0.775 ± 0.051 [.0305 ± .0020]	86016-[ ] 87309-[ ]	85969-[ ] 87309-[ ]		

$\Delta$  LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION, CONTACT THE TOOLING ASSISTANCE CENTER: 1-800-722-1111.

2. AMP, AMPMODU, and CERTI-CRIMP are trademarks.

$\Delta$  -1 IS A CERTICRIMP II HAND TOOL ASSEMBLY.  
-3 IS A CERTICRIMP II HEAD SUB-ASSEMBLY.

$\Delta$  PLACE WIRE IN THE BOTTOM OF THE WIRE BARREL FOR PROPER TERMINATIONS. SEE IS408-7497 FOR ADDITIONAL INFORMATION.

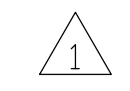
5. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414.

### CERTI-CRIMP II DATA SHEET

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN: M. YOUNGER 21FEB2012		MATERIAL: -		HEAT TREAT: -	
0 PLC ± .01		1 PLC ± .01		CHK: B.A.WOLFE 22FEB2012		APVD: B.A.WOLFE 22FEB2012		TE Connectivity	
2 PLC ± .01		3 PLC ± .01		NAME: B.A. WOLFE		SCALE: -		SIZE: A1	
4 PLC ± .01		ANGLES: -		SURFACE TEXTURE: $\sqrt{\text{ }}$		DRAWING NO: 1583003		SHEET 1 of 2	
P LTR		REVISION RECORD		DATE: 08/2020		DWN: AW		SS	

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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		
2326267-1	0.08 [28]	1.0 MAX [.039 MAX]	YES	YES	2.75 ± 0.25 [.025 ± .010]	0.64 ± 0.05 [.027 ± .002]	2-2316113-3 3-2316113-4 4-2316113-5 5-2316113-6	AMPMODU 2mm RECEPTACLE, CABLE TO BOARD	114-32173	
	0.13 [26]					0.69 ± 0.05 [.027 ± .002]				
	0.20 [24]					0.74 ± 0.05 [.029 ± .002]				
2326270-1	0.05 [30]	0.5 - 1.0 MAX [.020 - .039 MAX]	YES	YES	2.75 ± 0.25 [.025 ± .010]	0.53 ± 0.05 [.021 ± .002]	2-2316114-3 3-2316114-4 4-2316114-5 5-2316114-6	AMPMODU 2mm RECEPTACLE, CABLE TO BOARD	114-32173	
	0.08 [28]					0.55 ± 0.05 [.022 ± .002]				

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DIN 21FEB2012		MATERIAL		HEAT TREAT	
0 PLC ± -		1 PLC ± -		2 PLC ± -		3 PLC ± -		4 PLC ± -	
ANGLES ±		SURFACE TEXTURE		SCALE		SIZE		DRAWING NO	
-		√		-		A1		1583003	
- SEE SHEET 1		-		-		-		-	
P	LTR	REVISION RECORD	DATE	DIN	APVD	CERTI-CRIMP II TOOL DATA SHEET AMPMODU CONTACT FAMILY		SHEET	REV
						2 of 2		B7	

D  
C  
B  
A

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[DCE.91.130.5MVU](#) [DCE.91.202.BVCM](#) [1338300-1](#) [1-354003-0](#) [1338301-1](#) [DF62/RE-MD](#) [142321](#) [1456088-1](#) [1490794-1](#) [1-45804-6](#)  
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