

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

$\Delta$  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.

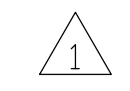
5. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414.

### CERTI-CRIMP II DATA SHEET

DWN: M. YOUNGER 21FEB2012		MATERIAL: -		HEAT TREAT: -																															
CHK: B.A.WOLFE 22FEB2012		APVD: B.A.WOLFE 22FEB2012		<b>STE</b> TE Connectivity																															
NAME: B.A. WOLFE		DRAWING NO: 1583003																																	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SCALE: - SIZE: A1																															
<table border="1" style="font-size: small;"> <tr><td>0</td><td>PLC</td><td>± .05</td></tr> <tr><td>1</td><td>PLC</td><td>± .05</td></tr> <tr><td>2</td><td>PLC</td><td>± .05</td></tr> <tr><td>3</td><td>PLC</td><td>± .05</td></tr> <tr><td>4</td><td>PLC</td><td>± .05</td></tr> </table>		0	PLC	± .05	1	PLC	± .05	2	PLC	± .05	3	PLC	± .05	4	PLC	± .05	<table border="1" style="font-size: small;"> <tr><td>0</td><td>PLC</td><td>± .05</td></tr> <tr><td>1</td><td>PLC</td><td>± .05</td></tr> <tr><td>2</td><td>PLC</td><td>± .05</td></tr> <tr><td>3</td><td>PLC</td><td>± .05</td></tr> <tr><td>4</td><td>PLC</td><td>± .05</td></tr> </table>		0	PLC	± .05	1	PLC	± .05	2	PLC	± .05	3	PLC	± .05	4	PLC	± .05	SURFACE TEXTURE: $\sqrt{\text{ }}$	
0	PLC	± .05																																	
1	PLC	± .05																																	
2	PLC	± .05																																	
3	PLC	± .05																																	
4	PLC	± .05																																	
0	PLC	± .05																																	
1	PLC	± .05																																	
2	PLC	± .05																																	
3	PLC	± .05																																	
4	PLC	± .05																																	
REVISION RECORD: B7 REVISED 08/2020 AW SS		DATE: 08/2020 DWN: AW APVD: SS		SHEET: 1 OF 2 REV: B7																															

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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 ± -		DIN M. YOUNGER		-		-	
2 PLC ± -		3 PLC ± -		CHK B.A. WOLFE		-		-	
4 PLC ± -		5 PLC ± -		APVD B.A. WOLFE		-		-	
6 PLC ± -		7 PLC ± -		NAME B.A. WOLFE		-		-	
8 PLC ± -		9 PLC ± -		SCALE		SIZE		DRAWING NO	
10 PLC ± -		11 PLC ± -		-		A1		1583003	
12 PLC ± -		13 PLC ± -		SURFACE TEXTURE		-		SHEET	
14 PLC ± -		15 PLC ± -		-		-		2 of 2	
16 PLC ± -		17 PLC ± -		-		-		REV	
18 PLC ± -		19 PLC ± -		-		-		B7	

# Mouser Electronics

Authorized Distributor

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