

THIS DRAWING IS A CONTROLLED DOCUMENT. FILE NO. 1583000

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 DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 		STRIP FORM 			
91500-1 91500-3 91500-4 	0.5 - 0.9 [20-18] 1.2 - 2.1 [16-14]	1.52 - 3.30 [.060 - .130]	YES	NO	4.37 ± 0.38 [.172 ± .015]	1.27 ± 0.05 [.050 ± .002] 1.60 ± 0.05 [.063 ± .002]	350547-[ ] 350550-[ ] 350669-[ ] 350705-[ ] 770250-[ ] 770251-[ ] 770254-[ ]	350218-[ ] 350536-[ ] 350654-[ ] 350687-[ ] 770007-[ ] 770008-[ ] 770193-[ ]	Univ. MATE-N-LOK Contacts Univ. MATE-N-LOK 2 Contacts	114-1010 & 114-1011 114-1043		
91506-1 91506-3	1.21 - 2.1 [16-14]	3.3 - 5.1 [.130 - .200]	YES	NO	4.37 ± 0.38 [.172 ± .015]	1.60 ± 0.05 [.063 ± .002]	350551-[ ] 350552-[ ] 350707-[ ] 350919-[ ] 350918-[ ] 770249-[ ] 770248-[ ] 770255-[ ]	350537-[ ] 350538-[ ] 350700-[ ] 350874-[ ] 350873-[ ] 770006-[ ] 770005-[ ] 770194-[ ]	Univ. MATE-N-LOK Contacts Univ. MATE-N-LOK 2 Contacts	114-1010 & 114-1011 114-1043		
91508-1 91508-3	0.5 - 0.9 [20-18]	3.3 - 5.1 [.130 - .200]	YES	NO	4.37 ± 0.38 [.172 ± .015]	1.24 ± 0.05 [.049 ± .002]	350551-[ ] 350552-[ ] 350707-[ ] 350919-[ ] 350918-[ ] 770249-[ ] 770248-[ ] 770255-[ ]	350537-[ ] 350538-[ ] 350700-[ ] 350874-[ ] 350873-[ ] 770006-[ ] 770005-[ ] 770194-[ ]	Univ. MATE-N-LOK Contacts Univ. MATE-N-LOK 2 Contacts	114-1010 & 114-1011 114-1043		
91510-1 91510-3	0.2 - 0.38 [24-22] 0.5 - 0.9 [20-18]	1.02 - 2.54 [.040 - .100]	YES	NO	4.37 ± 0.38 [.172 ± .015]	1.02 ± 0.05 [.040 ± .002] 1.17 ± 0.05 [.046 ± .002]	350689-[ ] 350690-[ ] 350706-[ ] 640347-[ ] 770252-[ ] 770253-[ ]	350570-[ ] 350561-[ ] 350699-[ ] 350851-[ ] 770009-[ ] 770010-[ ]	Univ. MATE-N-LOK Contacts Univ. MATE-N-LOK 2 Contacts	114-1010 & 114-1011 114-1043		
91522-1 91522-3	0.32 - 0.6 [22-20] (1 wire) 0.8-0.9 [18] (2 wire) 0.31-0.38 [22]	1.50 - 2.2 [.059 - .087] (1 wire) 1.54-2.4 [.059-.095] (2 wire) 1.5-1.7 [.059-.067]	YES	NO	3.45 ± 0.25 [.136 ± .010] (1 wire) 3.45 ± 0.25 [.136 ± .010] (2 wire) 3.7 ± 0.2 [.146 ± .008]	0.79 ± 0.05 [.031 ± .002] 1.04 ± 0.05 [.041 ± .002]	170364-[ ] 170366-[ ] 794228-[ ] 794229-[ ] 770987-[ ] 770988-[ ]	170360-[ ] 170362-[ ] 794220-[ ] 794221-[ ] 770903-[ ] 770904-[ ]	Mini-Univ. MATE-N-LOK Contacts Mini-Univ. MATE-N-LOK 2 Contacts	114-5050 & 114-16017 114-13089		
91529-1 91529-3	0.12 - 0.24 [26-24] 0.32 - 0.38 [22]	1.2 - 1.6 [.047 - .063] 1.5-1.75 [.059 - .069]	YES	YES	3.45 ± 0.25 [.136 ± .010]	0.69 ± 0.05 [.027 ± .002] 0.79 ± 0.05 [.031 ± .002]	170363-[ ] 170365-[ ] 770985-[ ]	170359-[ ] 170361-[ ] 794136-[ ] 770901-[ ]	Mini-Univ. MATE-N-LOK Contacts Mini-Univ. MATE-N-LOK 2 Contacts	114-5050 & 114-16017 114-1111 114-13089		
91536-1 91536-3	0.5 - 0.9 [20-18] (1 wire) 1.2-1.4 [16] (2 wire) 0.5-0.6 [20]	2.0 - 3.0 [.079 - .118] (1 wire) 2.5-3.2 [.098-.126] (2 wire) 2.0-2.4 [.079-.094]	YES	NO	3.45 ± 0.25 [.136 ± .010] (1 wire) 3.45 ± 0.25 [.136 ± .010] (2 wire) 3.70 ± 0.20 [.146 ± .008]	1.07 ± 0.05 [.042 ± .002] 1.27 ± 0.05 [.050 ± .002]	171638-[ ] 171639-[ ] 171638-[ ] 171639-[ ]	171636-[ ] 171637-[ ]	Mini-Univ. MATE-N-LOK Contacts	114-5050 & 114-16017		
91594-1 91594-3	0.50-0.89 [20-18] 0.50-1.42x2 [16-20x2]	2.00-3.20 [.079-.126] 2.49-3.20 [.098-.126]	YES	NO	(1 wire) 3.45 ± 0.25 [.136 ± .010] (2 wire) 3.70 ± 0.20 [.146 ± .008]	1.07 ± 0.05 [.042 ± .002] 1.29 ± 0.05 [.051 ± .002]	794230-[ ] 794231-[ ]	794222-[ ] 794223-[ ] 794406-[ ] 794407-[ ]	Mini-Univ. MATE-N-LOK 2 Contacts Mini-Univ. MATE-N-LOK CONTACTS	114-1111 114-16017		

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 MATE-N-LOK are trademarks.

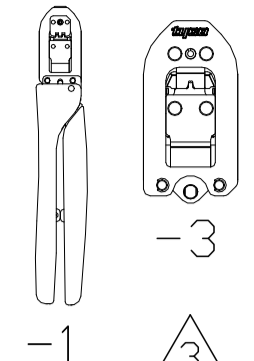
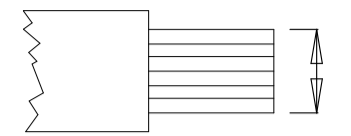
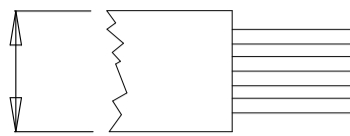
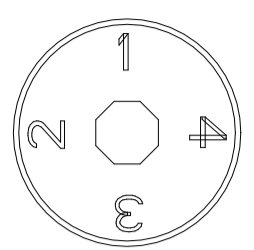
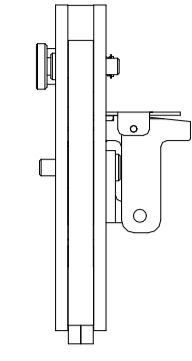
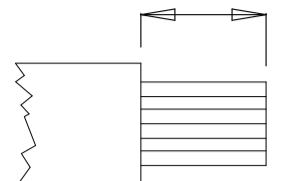
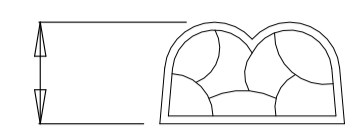
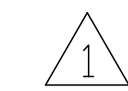
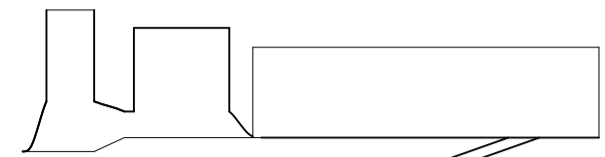
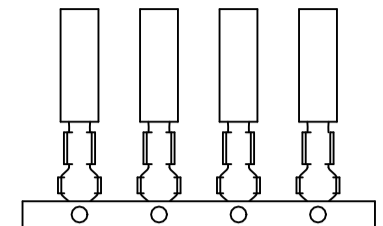


- 1 IS A CERTICRIMP II HAND TOOL ASSEMBLY. -3 IS A CERTICRIMP II HEAD SUB-ASSEMBLY.
- SUPERSEDED
- 4 IS A CERTICRIMP II HAND TOOL ASSEMBLY FOR SMALL INSULATION DIAMETER.


6. 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		TE Connectivity																															
NAME: B.A. WOLFE		UNIVERSAL MATE-N-LOK CONTACT FAMILY																																	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SCALE: -																															
<table border="1" style="font-size: small;"> <tr><td>0</td><td>PLC</td><td>± .01</td></tr> <tr><td>1</td><td>PLC</td><td>± .02</td></tr> <tr><td>2</td><td>PLC</td><td>± .03</td></tr> <tr><td>3</td><td>PLC</td><td>± .04</td></tr> <tr><td>4</td><td>PLC</td><td>± .05</td></tr> </table>		0	PLC	± .01	1	PLC	± .02	2	PLC	± .03	3	PLC	± .04	4	PLC	± .05	<table border="1" style="font-size: small;"> <tr><td>0</td><td>PLC</td><td>± .01</td></tr> <tr><td>1</td><td>PLC</td><td>± .02</td></tr> <tr><td>2</td><td>PLC</td><td>± .03</td></tr> <tr><td>3</td><td>PLC</td><td>± .04</td></tr> <tr><td>4</td><td>PLC</td><td>± .05</td></tr> </table>		0	PLC	± .01	1	PLC	± .02	2	PLC	± .03	3	PLC	± .04	4	PLC	± .05	SURFACE TEXTURE:	
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<table border="1" style="font-size: x-small;"> <tr><th>REV</th><th>DESCRIPTION</th><th>DATE</th><th>DWN</th><th>APVD</th></tr> <tr><td>D7</td><td>REVISED</td><td>23NOV2022</td><td>GK</td><td>AM</td></tr> <tr><td>D6</td><td>REVISED</td><td>10/2019</td><td>AW</td><td>SS</td></tr> </table>		REV	DESCRIPTION	DATE	DWN	APVD	D7	REVISED	23NOV2022	GK	AM	D6	REVISED	10/2019	AW	SS	SHEET: 1 of 2 DRAWING NO: 1583000 REV: D7																		
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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 DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE 	STRIP FORM 		
 91574-1	0.20-0.56 [24-20]	1.52-2.54 [.060-.100]	YES	NO	5.16 ± 0.38 [.203 ± .015]	1.05 ± 0.08 [.041 ± .003]	350689-[ ] 350690-[ ] 350706-[ ]	350570-[ ] 350561-[ ] 350699-[ ]	Universal MATE-N-LDK Contacts	114-1010 & 114-1011
	0.75-0.89 [18]					1.27 ± 0.08 [.050 ± .003]				
 91575-1 91575-3	0.50-0.89 [20-18]	2.54-3.31 [.100-.130]	YES	NO	5.16 ± 0.38 [.203 ± .015]	1.29-1.45 [.051-.057]	350547-[ ] 350705-[ ] 350669-[ ] 350550-[ ]	350218-[ ] 350687-[ ] 350564-[ ] 350536-[ ]	Universal MATE-N-LDK Contacts	114-1010 & 114-1011
	0.75+0.75 OR 0.75+1.25 [18+18 OR 18+16]					1.60-1.75 [.063-.069]				
1976176-1 OBSOLETE	18 GA SOLID	1.02-2.54 [.040-.100]	YES	NO	4.37-0.38 [.172-.015]	1.18 ± .025 [.044 ± .001]	350689-[ ] 350550-[ ] 350690-[ ] 350547-[ ]	350851-[ ] 350536-[ ] 350561-[ ] 350218-[ ]	Universal MATE-N-LDK Contacts	114-1010 & 114-1011
2280977-1	0.12-0.24 [26-24]	1.19-1.60 [.047-.063]	YES	NO	3.45 ± 0.25 [.136 ± .010]	0.68 ± 0.05 [.027 ± .002]	794226-[ ] 794227-[ ]	794218-[ ] 794219-[ ]	MINI UNERVERSAL MATE-N-LDK2 Contacts	114-1111
	0.32-0.38 [22]	1.50-1.75 [.059-.069]				0.79 ± 0.05 [.031 ± .002]				
2217759-1	0.05-0.15 [30-26]	0.81-1.45 [.032-.057]	YES	NO	3.68-4.32 [.145-.170]	0.71 ± 0.05 [.028 ± .002]	770416-[ ] 770512-[ ] 770672-[ ] 770673-[ ]	350924-[ ] 350925-[ ] 794042-[ ] 770011-[ ] 770012-[ ]	Universal MATE N LOCK Universal MATE N LOCK II	114-1010 & 114-1043
2326453-1	0.32-0.60 [22-20]	1.50-2.01 [.059-.079]	YES	NO	3.45±0.25 [.136±.001]	0.79 ± 0.05 [.031 ± .002]	-	2825156-1 2825157-1	Mini-Univ. MATE-N-LDK Contacts	114-16017
	0.81-0.96 [18]	2.01-2.18 [.079-.089]				1.04 ± 0.05 [.041 ± .002]				
2326016-1 SUPERSEDED BY 2326453-1	0.32-0.60 [22-20]	1.50-2.01 [.059-.079]	YES	NO	3.45 ± 0.25 [.136 ± .001]	0.79 ± 0.05 [.031 ± .002]	-	2825156-1 2825157-1	MINI UNERVERSAL MATE-N-LDK2 Contacts	114-16017
	0.81-0.96 [18]	2.11-2.39 [.083-.094]				1.04 ± 0.05 [.041 ± .002]				
2326016-2	0.32-0.60 [22-20]	1.50-2.01 [.059-.079]	YES	NO	3.45 ± 0.25 [.136 ± .001]	0.79 ± 0.05 [.031 ± .002]	770987-[ ] 770988-[ ]	770904-[ ] 770903-[ ]	Universal MATE N LOCK	114-16017
	0.60-0.96 [18]	2.11-2.39 [.083-.094]				1.04 ± 0.05 [.041 ± .002]				

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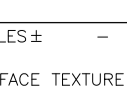
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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DIN: M.YOUNGER 21FEB2012		MATERIAL: -		HEAT TREAT: -	
0 PLC ± -		1 PLC ± -		CHK: B.A.WOLFE 22FEB2012		APVD: B.A.WOLFE 22FEB2012		TE Connectivity	
2 PLC ± -		3 PLC ± -		NAME: B.A. WOLFE		SCALE: -		SIZE: A1	
4 PLC ± -		ANGLES: -		SURFACE TEXTURE: 		DRAWING NO: 1583000		SHEET: 2 of 2	
P LTR		REVISION RECORD		DATE		DIN		APVD	