

THIS DRAWING IS A CONTROLLED DOCUMENT. DRAW NO 1583000

TOOL NUMBER 	WIRE SIZE mm ² [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 - 1.75 [.047 - .069]	YES	YES	3.45 ± 0.25 [.136 ± .010]	0.69 ± 0.05 [.027 ± .002] 0.79 ± 0.05 [.031 ± .002]	170363-[] 170365-[] 794136-[] 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-[] 171636-[] 171637-[]	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] 2.26-3.20 [.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.

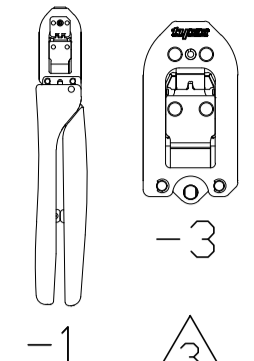
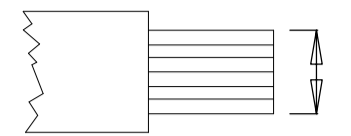
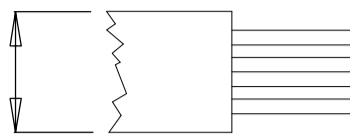
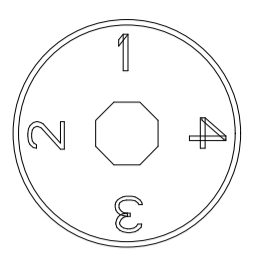
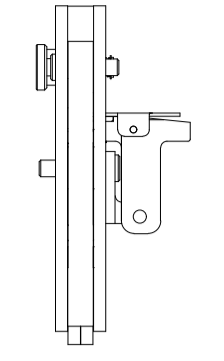
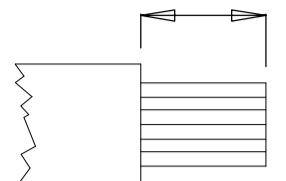
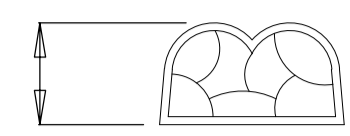
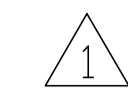
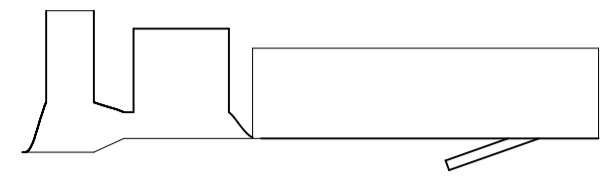
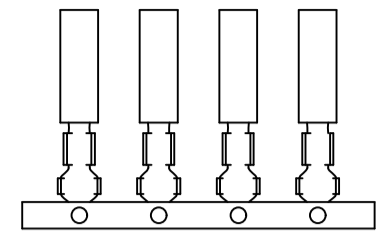


6. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414.


CERTI-CRIMP II DATA SHEET

DWN: M.YOUNGER 21FEB2012		MATERIAL: -	HEAT TREAT: -
CHK: B.A.WOLFE 22FEB2012			
APVD: B.A. WOLFE 22FEB2012			
NAME: B.A. WOLFE			
UNIVERSAL MATE-N-LOK CONTACT FAMILY			
SCALE: -	SIZE: A1	DRAWING NO: 1583000	REV: 1 of 2


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THIS DRAWING IS A CONTROLLED DOCUMENT. DWG NO. 1583000


TOOL NUMBER 	WIRE SIZE mm ² [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-LOK 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-LOK 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	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-LOK 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-LOK2 Contacts	114-5050
	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-LOK Contacts	114-16017
	0.81-0.96 [18]	2.01-2.18 [.079-.089]				1.04 ± 0.05 [.041 ± .002]				
2326016-1	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-LOK2 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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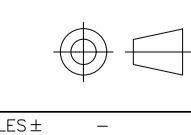
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CERTI-CRIMP II DATA SHEET

DWG: M.YOUNGER 21FEB2012		MATERIAL: -		HEAT TREAT: -	
CHK: B.A.WOLFE 22FEB2012		APVD: B.A.WOLFE 22FEB2012		 TE Connectivity	
NAME: B.A. WOLFE		SCALE: -			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SURFACE TEXTURE: 	
0 PLC ± .01		1 PLC ± .02		2 PLC ± .03	
3 PLC ± .04		4 PLC ± .05		5 PLC ± .06	
6 PLC ± .07		7 PLC ± .08		8 PLC ± .09	
9 PLC ± .10		10 PLC ± .12		11 PLC ± .15	
12 PLC ± .18		13 PLC ± .20		14 PLC ± .25	
15 PLC ± .30		16 PLC ± .35		17 PLC ± .40	
18 PLC ± .45		19 PLC ± .50		20 PLC ± .60	
21 PLC ± .70		22 PLC ± .80		23 PLC ± .90	
24 PLC ± 1.00		25 PLC ± 1.20		26 PLC ± 1.50	
27 PLC ± 2.00		28 PLC ± 2.50		29 PLC ± 3.00	
30 PLC ± 4.00		31 PLC ± 5.00		32 PLC ± 6.00	
33 PLC ± 8.00		34 PLC ± 10.00		35 PLC ± 12.00	
36 PLC ± 15.00		37 PLC ± 20.00		38 PLC ± 25.00	
39 PLC ± 30.00		40 PLC ± 40.00		41 PLC ± 50.00	
42 PLC ± 60.00		43 PLC ± 80.00		44 PLC ± 100.00	
45 PLC ± 120.00		46 PLC ± 150.00		47 PLC ± 200.00	
48 PLC ± 250.00		49 PLC ± 300.00		50 PLC ± 400.00	
51 PLC ± 500.00		52 PLC ± 600.00		53 PLC ± 800.00	
54 PLC ± 1000.00		55 PLC ± 1200.00		56 PLC ± 1500.00	
57 PLC ± 2000.00		58 PLC ± 2500.00		59 PLC ± 3000.00	
60 PLC ± 4000.00		61 PLC ± 5000.00		62 PLC ± 6000.00	
63 PLC ± 8000.00		64 PLC ± 10000.00		65 PLC ± 12000.00	
66 PLC ± 15000.00		67 PLC ± 20000.00		68 PLC ± 25000.00	
69 PLC ± 30000.00		70 PLC ± 40000.00		71 PLC ± 50000.00	
72 PLC ± 60000.00		73 PLC ± 80000.00		74 PLC ± 100000.00	
75 PLC ± 120000.00		76 PLC ± 150000.00		77 PLC ± 200000.00	
78 PLC ± 250000.00		79 PLC ± 300000.00		80 PLC ± 400000.00	
81 PLC ± 500000.00		82 PLC ± 600000.00		83 PLC ± 800000.00	
84 PLC ± 1000000.00		85 PLC ± 1200000.00		86 PLC ± 1500000.00	
87 PLC ± 2000000.00		88 PLC ± 2500000.00		89 PLC ± 3000000.00	
90 PLC ± 4000000.00		91 PLC ± 5000000.00		92 PLC ± 6000000.00	
93 PLC ± 8000000.00		94 PLC ± 10000000.00		95 PLC ± 12000000.00	
96 PLC ± 15000000.00		97 PLC ± 20000000.00		98 PLC ± 25000000.00	
99 PLC ± 30000000.00		100 PLC ± 40000000.00		101 PLC ± 50000000.00	
102 PLC ± 60000000.00		103 PLC ± 80000000.00		104 PLC ± 100000000.00	
105 PLC ± 120000000.00		106 PLC ± 150000000.00		107 PLC ± 200000000.00	
108 PLC ± 250000000.00		109 PLC ± 300000000.00		110 PLC ± 400000000.00	
111 PLC ± 500000000.00		112 PLC ± 600000000.00		113 PLC ± 800000000.00	
114 PLC ± 1000000000.00		115 PLC ± 1200000000.00		116 PLC ± 1500000000.00	
117 PLC ± 2000000000.00		118 PLC ± 2500000000.00		119 PLC ± 3000000000.00	
120 PLC ± 4000000000.00		121 PLC ± 5000000000.00		122 PLC ± 6000000000.00	
123 PLC ± 8000000000.00		124 PLC ± 10000000000.00		125 PLC ± 12000000000.00	
126 PLC ± 15000000000.00		127 PLC ± 20000000000.00		128 PLC ± 25000000000.00	
129 PLC ± 30000000000.00		130 PLC ± 40000000000.00		131 PLC ± 50000000000.00	
132 PLC ± 60000000000.00		133 PLC ± 80000000000.00		134 PLC ± 100000000000.00	
135 PLC ± 120000000000.00		136 PLC ± 150000000000.00		137 PLC ± 200000000000.00	
138 PLC ± 250000000000.00		139 PLC ± 300000000000.00		140 PLC ± 400000000000.00	
141 PLC ± 500000000000.00		142 PLC ± 600000000000.00		143 PLC ± 800000000000.00	
144 PLC ± 1000000000000.00		145 PLC ± 1200000000000.00		146 PLC ± 1500000000000.00	
147 PLC ± 2000000000000.00		148 PLC ± 2500000000000.00		149 PLC ± 3000000000000.00	
150 PLC ± 4000000000000.00		151 PLC ± 5000000000000.00		152 PLC ± 6000000000000.00	
153 PLC ± 8000000000000.00		154 PLC ± 10000000000000.00		155 PLC ± 12000000000000.00	
156 PLC ± 15000000000000.00		157 PLC ± 20000000000000.00		158 PLC ± 25000000000000.00	
159 PLC ± 30000000000000.00		160 PLC ± 40000000000000.00		161 PLC ± 50000000000000.00	
162 PLC ± 60000000000000.00		163 PLC ± 80000000000000.00		164 PLC ± 100000000000000.00	
165 PLC ± 120000000000000.00		166 PLC ± 150000000000000.00		167 PLC ± 200000000000000.00	
168 PLC ± 250000000000000.00		169 PLC ± 300000000000000.00		170 PLC ± 400000000000000.00	
171 PLC ± 500000000000000.00		172 PLC ± 600000000000000.00		173 PLC ± 800000000000000.00	
174 PLC ± 1000000000000000.00		175 PLC ± 1200000000000000.00		176 PLC ± 1500000000000000.00	
177 PLC ± 2000000000000000.00		178 PLC ± 2500000000000000.00		179 PLC ± 3000000000000000.00	
180 PLC ± 4000000000000000.00		181 PLC ± 5000000000000000.00		182 PLC ± 6000000000000000.00	
183 PLC ± 8000000000000000.00		184 PLC ± 10000000000000000.00		185 PLC ± 12000000000000000.00	
186 PLC ± 15000000000000000.00		187 PLC ± 20000000000000000.00		188 PLC ± 25000000000000000.00	
189 PLC ± 30000000000000000.00		190 PLC ± 40000000000000000.00		191 PLC ± 50000000000000000.00	
192 PLC ± 60000000000000000.00		193 PLC ± 80000000000000000.00		194 PLC ± 100000000000000000.00	
195 PLC ± 120000000000000000.00		196 PLC ± 150000000000000000.00		197 PLC ± 200000000000000000.00	
198 PLC ± 250000000000000000.00		199 PLC ± 300000000000000000.00		200 PLC ± 400000000000000000.00	
201 PLC ± 500000000000000000.00		202 PLC ± 600000000000000000.00		203 PLC ± 800000000000000000.00	
204 PLC ± 1000000000000000000.00		205 PLC ± 1200000000000000000.00		206 PLC ± 1500000000000000000.00	
207 PLC ± 2000000000000000000.00		208 PLC ± 2500000000000000000.00		209 PLC ± 3000000000000000000.00	
210 PLC ± 4000000000000000000.00		211 PLC ± 5000000000000000000.00		212 PLC ± 6000000000000000000.00	
213 PLC ± 8000000000000000000.00		214 PLC ± 10000000000000000000.00		215 PLC ± 12000000000000000000.00	
216 PLC ± 15000000000000000000.00		217 PLC ± 20000000000000000000.00		218 PLC ± 25000000000000000000.00	
219 PLC ± 30000000000000000000.00		220 PLC ± 40000000000000000000.00		221 PLC ± 50000000000000000000.00	
222 PLC ± 60000000000000000000.00		223 PLC ± 80000000000000000000.00		224 PLC ± 100000000000000000000.00	
225 PLC ± 120000000000000000000.00		226 PLC ± 150000000000000000000.00		227 PLC ± 200000000000000000000.00	
228 PLC ± 250000000000000000000.00		229 PLC ± 300000000000000000000.00		230 PLC ± 400000000000000000000.00	
231 PLC ± 500000000000000000000.00		232 PLC ± 600000000000000000000.00		233 PLC ± 800000000000000000000.00	
234 PLC ± 1000000000000000000000.00		235 PLC ± 1200000000000000000000.00		236 PLC ± 1500000000000000000000.00	
237 PLC ± 2000000000000000000000.00		238 PLC ± 2500000000000000000000.00		239 PLC ± 3000000000000000000000.00	
240 PLC ± 4000000000000000000000.00		241 PLC ± 5000000000000000000000.00		242 PLC ± 6000000000000000000000.00	
243 PLC ± 8000000000000000000000.00		244 PLC ± 10000000000000000000000.00		245 PLC ± 12000000000000000000000.00	
246 PLC ± 15000000000000000000000.00		247 PLC ± 20000000000000000000000.00		248 PLC ± 25000000000000000000000.00	
249 PLC ± 30000000000000000000000.00		250 PLC ± 40000000000000000000000.00		251 PLC ± 50000000000000000000000.00	
252 PLC ± 60000000000000000000000.00		253 PLC ± 80000000000000000000000.00		254 PLC ± 100000000000000000000000.00	
255 PLC ± 120000000000000000000000.00		256 PLC ± 150000000000000000000000.00		257 PLC ± 200000000000000000000000.00	
258 PLC ± 250000000000000000000000.00		259 PLC ± 300000000000000000000000.00		260 PLC ± 400000000000000000000000.00	
261 PLC ± 500000000000000000000000.00		262 PLC ± 600000000000000000000000.00		263 PLC ± 800000000000000000000000.00	
26					

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[DCE.91.073.BVC](#) [DCE.91.090.3MVM](#) [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](#) [1490357-2](#) [1490357-3](#) [AX100749](#) [1-59619-7](#) [1596970-1](#)