THIS DRAWING IS A CONTROLLED DOCUMENT.

DWG NO 1583000

USED ON –

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 1 — LOOSE PIECE	CONTACT PART NUMBERS 1 — STRIP FORM	CONTACT DESCRIP.	APPLIC. SPECIF.
91500-1 91500-3 91500-4 5	0.5 - 0.9 [20-18]	1.52 - 3.30 [.060 - .130]	YES	NO	4.37 ± 0.38 [.172 ± .015]	1.27 ± 0.05 [.050 ± .002]	350547-[ ] 350550-[ ] 350669-[ ] 350705-[ ]	350218-[ ] 350536-[ ] 350654-[ ] 350687-[ ]	Univ. MATE-N-LOK Contacts	114-1010 & 114-1011
	1.2 - 2.1 [16-14]					1.60 ± 0.05 [.063 ± .002]	770250-[ ] 770254-[ ] 770251-[ ]	770007-[ ] 770193-[ ] 770008-[ ]	Univ. MATE-N-LOK 2 Contacts	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]	1.02 - 2.54 [.040 - .100]	YES	NO	4.37 ± 0.38 [.172 ± .015]	1.02 ± 0.05 [.040 ± .002]	350689-[ ] 350690-[ ] 350706-[ ] 640347-[ ]	350570-[ ] 350561-[ ] 350699-[ ] 350851-[ ]	Univ MATE-N-LOK Contacts	114-1010 & 114-1011
	0.5 - 0.9 [20-18]					1.17 ± 0.05 [.046 ± .002]	770252-[ ] 770253-[ ]	770009-[ ] 770010-[ ]	Univ MATE-N-LOK 2 Contacts	114-1043
91522-1 91522-3	0.32 - 0.6 [22-20]	1.50 - 2.2 [.059 - .087]	YES	NO	3.45 ± 0.25 [.136 ± .010]	0.79 ± 0.05 [.031 ± .002]	170364-[ ] 170366-[ ]	170360-[ ] 170362-[ ]	Mini-Univ. MATE-N-LOK Contacts	114-5050 & 114-16017
	(1 wire) 0.8-0.9 [18] (2 wire) 0.31-0.38 [22]	(1 wire) 1.54-2.4 [.059-.095] (2 wire) 1.5-1.7 [.059-.067]			(1 wire) 3.45 ± 0.25 [.136 ± .010] (2 wire) 3.7 ± 0.2 [.146 ± .008]	1.04 ± 0.05 [.041 ± .002]	794228-[ ] 794229-[ ]	794220-[ ] 794221-[ ]	Mini-Univ. MATE-N-LOK 2 Contacts	
							770987-[ ] 770988-[ ]	770903-[ ] 770904-[ ]		114-13089
91529-1 91529-3	0.12 - 0.24 [26-24]	1.2 - 1.6 [.047 - .063]	YES	YES	3.45 ± 0.25 [.136 ± .010]	0.69 ± 0.05 [.027 ± .002]	170363-[ ] 170365-[ ]	170359-[ ] 170361-[ ] 794136-[ ]	Mini-Univ. MATE-N-LOK Contacts	114-5050 & 114-16017
	0.32 - 0.38 [22]	1.5-1.75 [.059 - .069]				0.79 ± 0.05 [.031 ± .002]			Mini-Univ. MATE-N-LOK 2 Contacts	114-1111
							770985-[ ]	770901-[ ]		114-13089
91536-1 91536-3	0.5 - 0.9 [20-18]	2.0 - 3.0 [.079 - .118]	YES	NO	3.45 ± 0.25 [.136 ± .010]	1.07 ± 0.05 [.042 ± .002]	171638-[ ] 171639-[ ]	171636-[ ] 171637-[ ]	Mini-Univ. MATE-N-LOK Contacts	114-5050 & 114-16017
	(1 wire) 1.2-1.4 [16] (2 wire) 0.5-0.6 [20]	(1 wire) 2.5-3.2 [.098-.126] (2 wire) 2.0-2.4 [.079-.094]			(1 wire) 3.45 ± 0.25 [.136 ± .010] (2 wire) 3.70 ± 0.20 [.146 ± .008]	1.27 ± 0.05 [.050 ± .002]				
91594-1 91594-3	0.50-0.89 [20-18]	2.00-3.20 [.079-.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]	794230-[ ] 794231-[ ]	794222-[ ] 794223-[ ]	Mini-Univ. MATE-N-LOK 2 Contacts	114-1111
	0.50-1.42x2 [16-20x2]	2.49-3.20 [.098-.126]				1.29 ± 0.05 [.051 ± .002]		794406-[ ] 794407-[ ]	Mini-Univ. MATE-N-LOK CONTACTS	114-16017

1 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.

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

4 SUPERSEDED

5 -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.

P	LTR	REVISION RECORD	DATE	DWN	APVD
	D7	REVISED	23NOV2022	GK	AM
	D6	REVISED	10/2019	AW	SS

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –
SURFACE TEXTURE √

CERTI-CRIMP II DATA SHEET

DWN M.YOUNGER	21FEB2012	MATERIAL – –	HEAT TREAT – –
CHK B.A.WOLFE	22FEB2012	TE Connectivity	
APVD B.A. WOLFE	22FEB2012		

NAME CERTI-CRIMP II TOOL DATA SHEET UNIVERSAL MATE-N-LOK CONTACT FAMILY

SCALE	SIZE	DRAWING NO	SHEET	REV
–	A1	1583000	1 OF 2	D7

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USED ON —

TOOL NUMBER	WIRE SIZE mm² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	FLIP LOCATOR	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS 1		CONTACT DESCRIP.	APPLIC. SPECIF.
							LOOSE PIECE	STRIP FORM		
-1 3 / -3										
5 91574-1	0.20-0.56 [24-20] / 0.75-0.89 [18]	1.52-2.54 [.060-.100]	YES	NO	5.16 ± 0.38 [.203 ± .015]	1.05 ± 0.08 [.041 ± .003] / 1.27 ± 0.08 [.050 ± .003]	350689-[ ] 350690-[ ] 350706-[ ]	350570-[ ] 350561-[ ] 350699-[ ]	Universal MATE-N-LOK Contacts	114-1010 & 114-1011
4 91575-1 91575-3	0.50-0.89 [20-18] / 0.75+0.75 OR 0.75+1.25 [18+18 OR 18+16]	2.54-3.31 [.100-.130]	YES	NO	5.16 ± 0.38 [.203 ± .015]	1.29-1.45 [.051-.057] / 1.60-1.75 [.063-.069]	350547-[ ] 350705-[ ] 350669-[ ] 350550-[ ]	350218-[ ] 350687-[ ] 350564-[ ] 350536-[ ]	Universal MATE-N-LOK Contacts	114-1010 & 114-1011
1976176-1 OBSOLETE	18 GA SOLID	1.02-2.54 [.040-.100]	YES	NO	4.37-0.38 [.172-.015]	1.118 ± .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] / 0.32-0.38 [22]	1.19-1.60 [.047-.063] / 1.50-1.75 [.059-.069]	YES	NO	3.45 ± 0.25 [.136 ± .010]	0.68 ± 0.05 [.027 ± .002] / 0.79 ± 0.05 [.031 ± .002]	794226-[ ] 794227-[ ]	794218-[ ] 794219-[ ]	MINI UNERVERSAL MATE-N-LOK2 Contacts	114-1111
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] / 0.81-0.96 [18]	1.50-2.01 [.059-.079] / 2.01-2.18 [.079-.089]	YES	NO	3.45±0.25 [.136±.001]	0.79 ± 0.05 [.031 ± .002] / 1.04 ± 0.05 [.041 ± .002]	–	2825156-1 2825157-1	Mini-Univ. MATE-N-LOK Contacts	114-16017
2326016-1 SUPERSEDED BY 2326453-1	0.32-0.60 [22-20] / 0.81-0.96 [18]	1.50-2.01 [.059-.079] / 2.11-2.39 [.083-.094]	YES	NO	3.45 ± 0.25 [.136 ± .001]	0.79 ± 0.05 [.031 ± .002] / 1.04 ± 0.05 [.041 ± .002]	–	2825156-1 2825157-1	MINI UNERVERSAL MATE-N-LOK2 Contacts	114-16017
2326016-2	0.32-0.60 [22-20] / 0.60-0.96 [18]	1.50-2.01 [.059-.079] / 2.11-2.39 [.083-.094]	YES	NO	3.45 ± 0.25 [.136 ± .001]	0.79 ± 0.05 [.031 ± .002] / 1.04 ± 0.05 [.041 ± .002]	770987-[] 770988-[]	770904-[] 770903-[]	Universal MATE N LOCK	114-16017

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P	LTR	REVISION RECORD	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – ; 1 PLC ± – ; 2 PLC ± – ; 3 PLC ± – ; 4 PLC ± –
ANGLES ± –
SURFACE TEXTURE

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: CERTI-CRIMP II TOOL DATA SHEET, UNIVERSAL MATE-N-LOK CONTACT FAMILY

SCALE	SIZE	DRAWING NO	SHEET	REV
–	A1	1583000	2 OF 2	D7

DWG NO 1583000

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