

TOOL NUMBER	WIRE SIZE mm <sup>2</sup> [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	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	4.75±0.38 [.187±.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	114-1010 & 114-1011		
91506-1 91506-3	1.21 - 2.1 [16-14]	3.3 - 5.1 [.130 - .200]	YES	4.75±0.38 [.187±.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	114-1010 & 114-1011		
91508-1 91508-3	0.5 - 0.9 [20-18]	3.3 - 5.1 [.130 - .200]	YES	4.75±0.38 [.187±.015]	1.24±0.05 [.049±.002]	350551-[ ] 350552-[ ] 350918-[ ] 770249-[ ] 770248-[ ] 770255-[ ]	350537-[ ] 350538-[ ] 350700-[ ] 350874-[ ] 350873-[ ] 770006-[ ] 770005-[ ] 770194-[ ]	Univ. MATE-N-LOK Contacts	114-1010 & 114-1011		
91510-1 91510-3	0.2 - 0.38 [24-22] 0.5 - 0.9 [20-18]	1.02 - 2.54 [.040 - .100]	YES	4.75±0.38 [.187±.015]	1.02±0.05 [.040±.002] 1.17±0.05 [.046±.002]	350689-[ ] 350690-[ ] 350706-[ ] 640347-[ ] 770252-[ ] 770253-[ ]	350570-[ ] 350561-[ ] 350700-[ ] 350874-[ ] 770009-[ ] 770010-[ ]	Univ. MATE-N-LOK Contacts	114-1010 & 114-1011		
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	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-[ ] 770987-[ ] 770988-[ ] 794228-[ ] 794229-[ ]	170360-[ ] 170362-[ ] 770903-[ ] 770904-[ ] 794220-[ ] 794221-[ ]	Mini-Univ. MATE-N-LOK Contacts	114-5050 & 114-16017		
91529-1 91529-3	0.12 - 0.24 [26-24] 0.32 - 0.38 [22]	1.2 - 1.75 [.047 - .069]	YES	3.45±0.25 [.136±.010]	0.69±0.05 [.027±.002] 0.79±0.05 [.031±.002]	170363-[ ] 170365-[ ] 770985-[ ] 770986-[ ] 794226-[ ] 794227-[ ]	170359-[ ] 170361-[ ] 770901-[ ] 770902-[ ] 794136-[ ] 794218-[ ] 794219-[ ]	Mini-Univ. MATE-N-LOK Contacts	114-5050 & 114-16017		
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	3.45±0.25 [.136±.010] (1 wire) 3.45±0.25 [.136±.010] (2 wire) 3.70±0.20 [.146±.008]	1.06±0.05 [.042±.002] 1.29±0.05 [.051±.002]	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] 2.26-3.20 [.098-.126]	YES	(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-[ ]	Mini-Univ. MATE-N-LOK 2 Contacts	114-1111		

△ 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.

DIMENSIONS: mm		TOOLING ASSISTANCE CENTER: 1-800-722-1111		DATE: 21SEP2001	BY: D COLLECT
MATERIAL: -		FINISH: -		DATE: 29OCT2001	BY: J GULLA
WEIGHT: -		APPLICATION SPEC: -		DATE: 29OCT2001	BY: R SCHAFFNER
SCALE: -		SHEET 1 OF 2		TYCO Electronics Harrisburg, PA 17105-3608	

CERTI-CRIMP II TOOL DATA SHEET  
UNIVERSAL MATE-N-LOK CONTACT FAMILY  
A200779 ©-1583000

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LOC	DIST	REVISIONS		
A	00	REV	DATE	BY
		1		
		- SEE SHEET 1		

TOOL NUMBER	WIRE SIZE mm <sup>2</sup> [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS $\Delta$		CONTACT DESCRIPT.	APPLIC. SPECIF.
						LOOSE PIECE	STRIP FORM		
 -1 $\Delta$ -3 $\Delta$	0.20-0.56 [24-20] 0.75-0.89 [18]	1.52-2.54 [.060-.100]	YES	5.16±0.38 [.203±.015]	1.05±0.08 [.041±.003] 1.27±0.08 [.050±.003]	350689-[ ]	350570-[ ]	Universal MATE-N-LOK Contacts	114-1010 & 114-1011
						350690-[ ]	350561-[ ]		
						350706-[ ]	350699-[ ]		
 -4 $\Delta$	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	5.16±0.38 [.203±.015]	1.29-1.45 [.051-.057] 1.60-1.75 [.063-.069]	350547-[ ]	350218-[ ]	Universal MATE-N-LOK Contacts	114-1010 & 114-1011
						350705-[ ]	350687-[ ]		
						350669-[ ]	350564-[ ]		
1976176-1	18 GA SOLID	1.02-2.54 [.040-.100]	YES	4.37-0.38 [.172-.015]	1.118±.025 [.044±.001]	350689-[ ]	350851-[ ]	Universal MATE-N-LOK Contacts	114-1010 & 114-1011
						350550-[ ]	350536-[ ]		
						350690-[ ]	350561-[ ]		
						350547-[ ]	350218-[ ]		

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

$\Delta$  SUPERSEDED

$\Delta$  -4 IS A CERTICRIMP II HAND TOOL ASSEMBLY FOR SMALL INSULATION DIAMETER.

DIMENSIONS: mm		TO MANUFACTURE THIS DRAWING FOR THE CUSTOMER'S INFORMATION, PLEASE CONTACT THE TOOLING ASSISTANCE CENTER.		DATE: 21SEP2001 COLLECTOR: J. GULLA APPROVED: R. SCHAEFFER	Tyco Electronics Harrisburg, PA 17105-3608
MATERIAL: -		FINISH: -		WEIGHT: - CUSTOMER DRAWING	SHEET: A200779 CASE CODE: C=1583000 DRAWING NO: - RESTRICTED TO: -
				SCALE: -	SHEET 2 OF 2 REV B

AMP 1471-9 REV 31MAR2000