

TOOL NUMBER	WIRE SIZE mm ² [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
CUSTOMER DRAWING		SCALE: -		SHEET 1 OF 2	

TYCO ELECTRONICS CORPORATION
Harrisburg, PA 17105-3608

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

SIZE: A200779 CASE CODE: C-1583000 DRAWING NO: 91529-0.69

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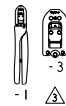
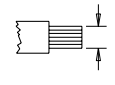
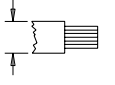




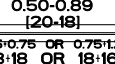
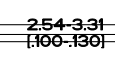





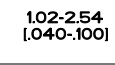



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LOC	DIST	REVISIONS		
A	00	REV	DATE	BY
		1		
		- SEE SHEET 1		

TOOL NUMBER	WIRE SIZE mm ² [AWG]	INSULATION DIAMETER mm [in.]	INSUL. ADJ.	STRIP LENGTH mm [in.]	CRIMP HEIGHT mm [in.]	CONTACT PART NUMBERS Δ		CONTACT DESCRIPT.	APPLIC. SPECIF.
						LOOSE PIECE	STRIP FORM		
 -1 Δ	 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-[]		
 -3 Δ	 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-[]		
 -4 Δ	 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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<small>TOP DRAWING IS CONTROLLED DOCUMENT FOR THE DESIGN/COMPOSITION OF THE PRODUCT. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE DESIGN/COMPOSITION GROUP.</small>		DATE: 21SEP2001 COLLECTOR: J. GULLA APPROVED: R. SCHAEFFER	 Tyco Electronics Harrisburg, PA 17105-3608
DIMENSIONS: mm 	TO MANUFACTURE: 23OCT2001 PRODUCT SPEC: APPLICATION SPEC	NAME: CERTI-CRIMP II TOOL DATA SHEET UNIVERSAL MATE-N-LOK CONTACT FAMILY	SIZE: A2 CASE CODE: 00779 DRAWING NO: 1583000
MATERIAL: -	FINISH: -	WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: -	SHEET 2 OF 2 REV B

AMP 1471-B REV 31MAR2000