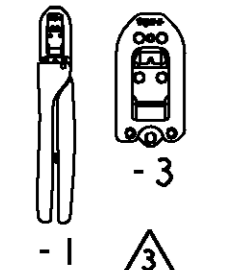
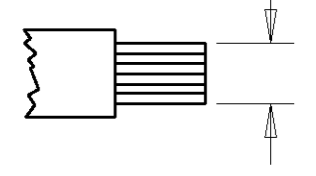
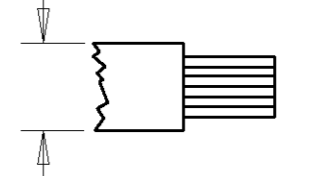
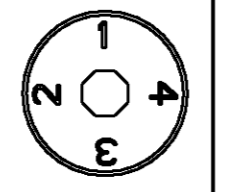
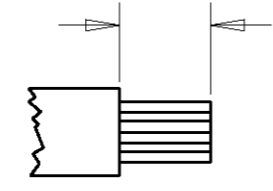
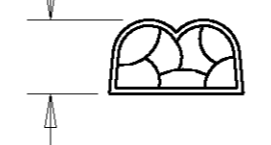

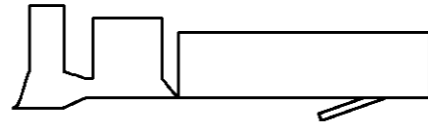
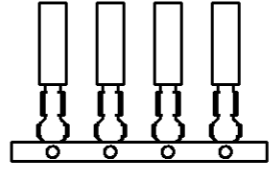







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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|------------------------------|----------|-----|------|
| A | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | A | | UPDATE GRAPHICS FOR WEB LINK | 11 JUN09 | RAS | BAW |

| 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 DESCRIPT. | 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-[] 770251-[] | 350218-[] 350536-[] 350654-[] 350687-[] 770007-[] 770008-[] 770193-[] 770008-[] | 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 | 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 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 | 4.75±0.38 [.187±.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 | 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-[] 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 | 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 Mini-Univ. MATE-N-LOK 2 Contacts | 114-5050 & 114-16017 114-1111 |
| 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] | 0.66±0.05 [.026±.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 Mini-Univ. MATE-N-LOK 2 Contacts | 114-5050 & 114-16017 114-1111 |
| 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 |

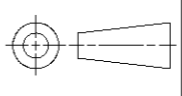
 LIST OF APPLIED CONTACT PART NUMBERS MAY NOT BE COMPLETE AND IS SUBJECT TO CHANGE. FOR CURRENT INFORMATION ON TERMINAL PART NUMBERS, CONTACT THE TOOLING ASSISTANCE CENTER : 1-800-722-1111.

 -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.

2. AMP, CERTI-CRIMP, and MATE-N-LOK are trademarks.

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|--|---|---|---|
| <small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small> | | DWN 21SEP2001 CHK J. GULA 29OCT2001 APVD R. SCHAEFFER 29OCT2001 | Tyco Electronics Harrisburg, PA 17105-3608 |
| DIMENSIONS: mm  | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH | PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING | NAME CERTI-CRIMP II TOOL DATA SHEET UNIVERSAL MATE-N-LOK CONTACT FAMILY SIZE A2 CAGE CODE 00779 DRAWING NO. G-1583000 RESTRICTED TO SCALE - SHEET 1 OF 2 REV A |

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| | | | | |
|-----|------|---------------|-----|------|
| LOC | DIST | REVISIONS | | |
| A | 00 | P | LTR | DATE |
| | | DESCRIPTION | | DWN |
| | | - SEE SHEET 1 | | APVD |
| | | | | |

| 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 | | |
| -1 | | | | | | | | | |
| -3 | | | | | | | | | |
| 91574-1 | 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-[] 350690-[] 350706-[] | 350570-[] 350561-[] 350699-[] | Universal MATE-N-LOK Contacts | 114-1010 & 114-1011 |
| 91575-1 | 0.50-0.89 [20-18] | 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-[] 350705-[] 350669-[] 350550-[] | 350218-[] 350687-[] 350564-[] 350536-[] | Universal MATE-N-LOK Contacts | 114-1010 & 114-1011 |
| 91575-3 | 0.75-0.75 OR 0.75-1.25 [18+18 OR 18+16] | | | | | | | | |
| 1976176-1 | 18 GA SOLID | 1.02-2.54 [.040-.100] | YES | 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 |

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| DIMENSIONS: mm | | CHK J. GULA 29OCT2001 | NAME CERTI-CRIMP II TOOL DATA SHEET UNIVERSAL MATE-N-LOK CONTACT FAMILY | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH | | APVD R. SCHAEFFER 29OCT2001 | RESTRICTED TO | |
| MATERIAL | | PRODUCT SPEC - | SIZE A2 | |
| | | APPLICATION SPEC - | CAGE CODE 00779 | |
| | | WEIGHT - | DRAWING NO 1583000 | |
| | | CUSTOMER DRAWING | SCALE - SHEET 2 OF 2 REV A | |