

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-[] 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-[] | 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

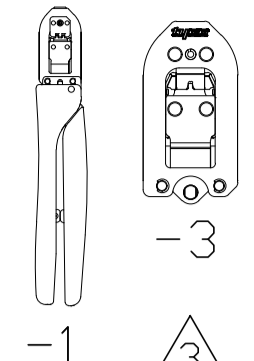
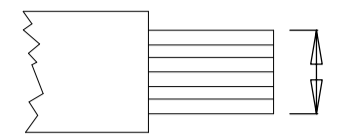
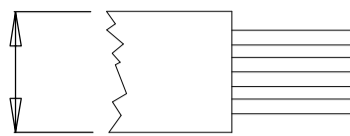
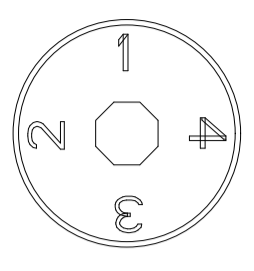
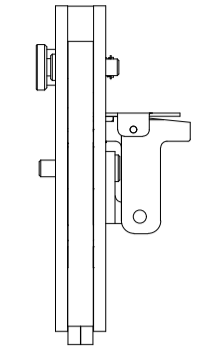
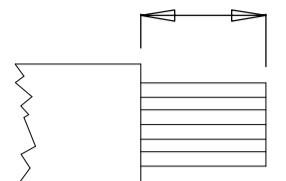
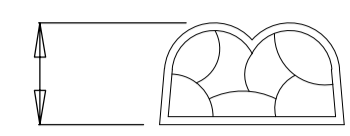
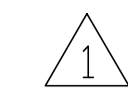
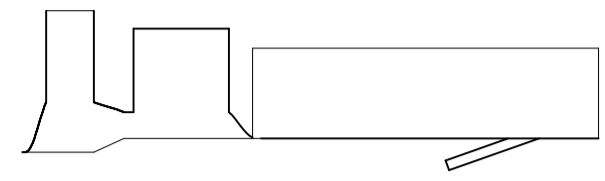
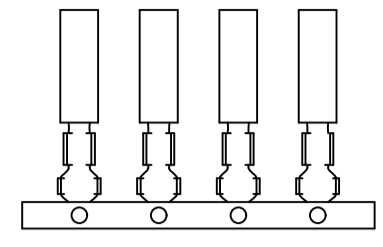


-4 IS A CERTICRIMP II HAND TOOL ASSEMBLY FOR SMALL INSULATION DIAMETER.


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


| | | | | | | |
|------------------|----------------------------|--|---------------------|--|-----------------|---------------|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DWG: M.YOUNGER 21FEB2012 | MATERIAL: - | HEAT TREAT: - |
| 0 PLC ± .01 | 1 PLC ± .01 | 2 PLC ± .01 | 3 PLC ± .01 | CHK: B.A.WOLFE 22FEB2012 | TE Connectivity | |
| 4 PLC ± .01 | APVD: B.A. WOLFE 22FEB2012 | | | | | |
| NAME: B.A. WOLFE | | | | CERTI-CRIMP II TOOL DATA SHEET UNIVERSAL MATE-N-LOK CONTACT FAMILY | | |
| SCALE: - | | SIZE: A1 | DRAWING NO: 1583000 | SHEET: 1 of 2 | | REV: D6 |

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  | | |
|  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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-3 IS A CERTICRIMP II HEAD SUB-ASSEMBLY.

 SUPERSEDED

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CERTI-CRIMP II DATA SHEET

| | | | | | |
|--------------------------|-----------|--|-------------------------------------|------------|---------|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DRAWING NO | |
| 0 PLC ± . | 1 PLC ± . | 2 PLC ± . | 3 PLC ± . | 4 PLC ± . | 1583000 |
| ANGLES: | | SURFACE TEXTURE | | SCALE | SIZE |
| - | | √ | | - | A1 |
| REVISION RECORD | | | DATE | DWN | APVD |
| - SEE SHEET 1 | | | - | - | - |
| MATERIAL | | | HEAT TREAT | | |
| M.YOUNGER 21FEB2012 | | | - | | - |
| CHK B.A.WOLFE 22FEB2012 | | | | | |
| APVD B.A.WOLFE 22FEB2012 | | | | | |
| NAME | | | UNIVERSAL MATE-N-LOK CONTACT FAMILY | | |
| TE Connectivity | | | | | |
| SHEET | | | REV | | |
| 2 of 2 | | | D6 | | |

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[63819-1875](#) [63819-2875](#) [63819-4475](#) [63823-3475](#) [63827-5375](#) [64001-0975](#) [64001-4175](#) [64005-0175](#) [662903-2](#) [690602-6](#) [7-1579001-9](#) [7-](#)
[23471-1](#) [762637-1](#) [808714-1](#) [811242-5](#) [999-50-020083](#) [1-21002-3](#) [1-21002-7](#) [12085270](#) [1-21002-6](#) [1-21113-6](#) [1-22548-4](#) [125442-1](#)
[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](#)