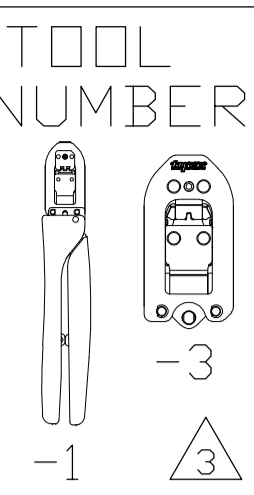
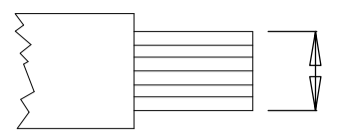
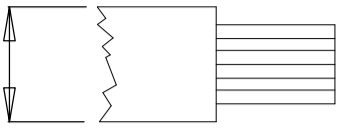
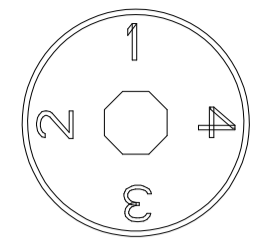
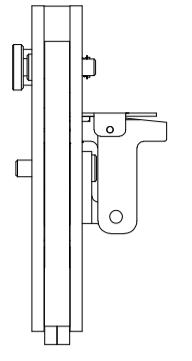
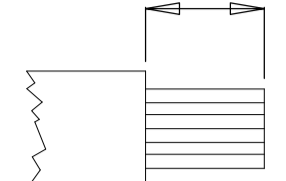


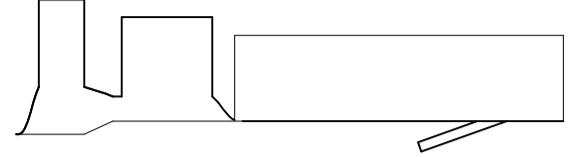
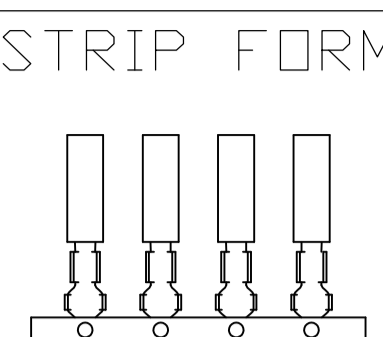



DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS). THIS DRAWING IS A CONTROLLED DOCUMENT. P/N 1583010

| TOOL NUMBER<br> | WIRE SIZE<br>mm <sup>2</sup> [AWG]<br> | INSULATION DIAMETER<br>mm [in.]<br> | INSUL. ADJ.<br> | FLIP LOCATOR<br> | STRIP LENGTH<br>mm [in.]<br> | CRIMP HEIGHT<br>mm [in.]<br> | CONTACT PART NUMBERS  |   | CONTACT DESCRIPTION                 | APPLIC. SPECIF.                  |
|---|---|--|--|--|---|---|---|---|-------------------------------------|----------------------------------|
|   |   |  |  |  |   |   | LOOSE PIECE<br>      | STRIP FORM<br> |                                     |                                  |
| 91567-1<br>91567-3  | 0.12 [26]   | 1.3-1.6 [.051-.063]  | NO   | NO   | 3.5 ± 0.5 [.138 ± .020]   | 0.69-0.83 [.027-.033]   | 179592-[ ]<br>179594-[ ]  | 177914-[ ]<br>177916-[ ]  | POWER DOUBLE LOCK Contacts          | 114-5175                         |
|   | 0.22 [24]   |  |  |  |   | 0.69-0.88 [.027-.035]   |   |   |                                     |                                  |
|   | 0.30-0.35 [22]  | 0.77-0.94 [.030-.037]  |  |  |   |   |   |   |                                     |                                  |
| 91569-1<br>91569-3  | 0.51 [20]   | 2.1-2.8 [.083-.110]  | NO   | NO   | 3.5 ± 0.5 [.138 ± .020]   | 0.97-1.09 [.038-.043]   | 179593-[ ]<br>179595-[ ]  | 177915-[ ]<br>177917-[ ]  | POWER DOUBLE LOCK Contacts          | 114-5175                         |
|   | 0.89 [18]   |  |  |  |   | 0.97-1.20 [.038-.047]   |   |   |                                     |                                  |
|   | 1.27 [16]   | 1.23-1.42 [.048-.056]  |  |  |   |   |   |   |                                     |                                  |
| 91572-1<br>91572-3  | 0.12 [26]   | 0.90-1.40 [.035-.055]  | NO   | NO   | 2.1 ± 0.2   | 0.60-0.73 [.024-.029]   | 179518-[ ]<br>179610-[ ]  | 179227-[ ]<br>179609-[ ]  | CRIMP TYPE II CT 2mm Pitch Contacts | 114-5179                         |
|   | 0.22 [24]   |  |  |  |   | 0.60-0.79 [.024-.031]   |   |   |                                     |                                  |
|   | 0.30-0.35 [22]  | 0.71-0.86 [.028-.034]  |  |  |   |   |   |   |                                     |                                  |
| 91577-1<br>91577-3  | 0.30 [22]   | 1.80 [.071]  | NO   | NO   | 4.0-4.5 [.157-.177]   | 0.74-0.90 [.029-.035]   | 175062-[ ]<br>175061-[ ]<br>175063-[ ]  | 173681-[ ]<br>173716-[ ]<br>173682-[ ]  | .040 Series Contacts                | 114-5094<br>114-5108<br>114-5111 |
|   | 0.50 [20]   | 2.00 [.079]  |  |  |   | 0.90-1.07 [.035-.042]   |   |   |                                     |                                  |
| 91579-1<br>91579-3  | 0.53-0.86 [20-18]   | 1.80-2.80 [.071-.110]  | NO   | NO   | 2.7-3.3 [.106-.130]   | 0.96-1.10 [.038-.043]   | 1318912-[ ]   | 1123721-[ ]   | ECONOMY POWER CONN. (EP) Contacts   | 114-5303                         |
|   | 1.25-1.37 [16]  | 2.30-2.80 [.091-.110]  |  |  |   | 1.27-1.41 [.050-.054]   |   |   |                                     |                                  |
| 91588-1<br>91588-3  | 0.30-0.56 [22]  | 1.1-2.0 [.043-.079]  | YES  | NO   | 4.0-4.5 [.157-.177]   | 0.78-0.94 [.031-.037]   | 179417-[ ]<br>179418-[ ]<br>179421-[ ]  | 175265-[ ]<br>175266-[ ]<br>175271-[ ]  | .040 II Series Contacts             | 114-5159                         |
|   | 0.30-0.56 [20]  | 1.1-2.0 [.043-.079]  |  |  |   | 0.78-0.103 [.031-.041]  |   |   |                                     |                                  |
|   | 0.75-0.89 [18]  | 1.5-1.8 [.059-.071]  |  |  |   | 0.87-1.15 [.034-.045]   |   |   |                                     |                                  |



 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 are trademarks.

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

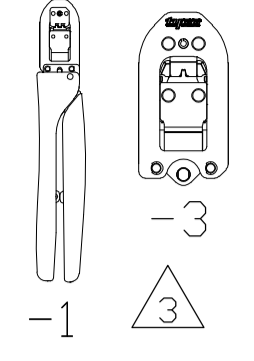
4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414.

## CERTI-CRIMP II DATA SHEET

|   |  |  |  |   |  |
|---|--|--|--|---|--|
| DWN: M. YOUNGER 21FEB2012                                     |  | MATERIAL: -  |  | HEAT TREAT: -   |  |
| CHK: B.A. WOLFE 22FEB2012                                     |  | APVD: B.A. WOLFE 22FEB2012   |  |  TE Connectivity |  |
| NAME: B.A. WOLFE  |  | DRAWING NO: 1583010  |  |   |  |
| DIMENSIONS: mm  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:   |  | SCALE: -  |  |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± - |  | ANGLE: -<br>SURFACE TEXTURE:  |  | SHEET: 1 of 2<br>REV: A4  |  |
| A4 REVISED - NEW FORMAT<br>P LTR REVISION RECORD              |  | DATE: 2-2012<br>DWN: MY BAW  |  | DRAWING NO: 1583010   |  |


LOC: A  
 DIST: 00

DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)  
 THIS DRAWING IS A CONTROLLED DOCUMENT. DRAW NO. 1583010

| TOOL NUMBER  | WIRE SIZE<br>mm <sup>2</sup> [AWG] | INSULATION<br>DIAMETER<br>mm [in.] | INSUL.<br>ADJ. | FLIP<br>LOCATOR | STRIP LENGTH<br>mm [in.]   | CRIMP<br>HEIGHT<br>mm [in.]  | CONTACT PART NUMBERS |             | CONTACT DESCRIPTION          | APPLIC.<br>SPECIF. |
|--|------------------------------------|------------------------------------|----------------|-----------------|----------------------------|------------------------------|----------------------|-------------|------------------------------|--------------------|
|  |                                    |                                    |                |                 |                            |                              | LOOSE PIECE          | STRIP FORM  |                              |                    |
| <br>-1<br>-3 | 0.50-0.89<br>[20-18]               | 1.80-3.30<br>[.071-.130]           | YES            | NO              | 3.8 ± 0.5<br>[.150 ± .020] | 1.07-1.23<br>[.042-.048]     | 170485-[ ]           | 170484-[ ]  | DRAWER CONNECTOR<br>Contacts | 114-5044           |
|  | 1.25-1.42<br>[16]                  | 2.60-3.30<br>[.102-.130]           |                |                 |                            | 1.26-1.59<br>[.050-.063]     |                      |             |                              |                    |
| 91591-1<br>91591-3   | 0.20-0.35<br>[24-22]               | 1.50-1.80<br>[.059-.071]           | NO             | NO              | 3.8 ± 0.5<br>[.150 ± .020] | 0.87 ± 0.05<br>[.034 ± .002] | 170313-[ ]           | 170311-[ ]  | DRAWER CONNECTOR<br>Contacts | 114-5044           |
|  | 0.50-0.56<br>[20]                  | 1.50-1.95<br>[.059-.077]           |                |                 |                            | 0.99 ± 0.06<br>[.039 ± .002] |                      |             |                              |                    |
| 2063849-1<br>2063849-3   | 0.75-1.42<br>[18-16]               | 2.20-3.80<br>[.087-.150]           | YES            | NO              | 3.8 ± 0.5<br>[.150 ± .020] | 1.34 ± 0.06<br>[.053 ± .002] | 170314-[ ]           | 1790312-[ ] | DRAWER CONNECTOR<br>Contacts | 114-5044           |
|  | 2.00-2.27<br>[14]                  | 2.80-3.90<br>[.110-.154]           |                |                 |                            | 1.77 ± 0.06<br>[.068 ± .002] |                      |             |                              |                    |

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2. AMP & CERTI-CRIMP are trademarks.
- 3 -1 IS A CERTICRIMP II HAND TOOL ASSEMBLY.  
-3 IS A CERTICRIMP II HEAD SUB-ASSEMBLY.
4. 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

|   |  |  |  |   |  |
|---|--|--|--|---|--|
| DWN: M. YOUNGER 21FEB2012                                     |  | MATERIAL: -                            |  | HEAT TREAT: -   |  |
| CHK: B.A.WOLFE 22FEB2012                                      |  | APVD: B.A. WOLFE 22FEB2012             |  |  TE Connectivity |  |
| NAME: B.A. WOLFE  |  | SCALE: -                               |  |   |  |
| DIMENSIONS: mm  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | DRAWING NO: 1583010   |  |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± - |  | ANGLE: -<br>SURFACE TEXTURE: √         |  | SHEET: 2 of 2<br>REV: A4  |  |
| P LTR REVISION RECORD DATE DWN APVD                           |  | - SEE SHEET 1 - - -                    |  | CERTI-CRIMP II TOOL DATA SHEET<br>.040, CT, EP, POWER DBL LOCK & DRAWER CONTACTS                      |  |

LOC: A  
 DIST: 00  
 3308-8 (3/11)