

| 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 | | |
| 91507-1 91507-3 | 0.20-0.50 [24-20] | 1.14-1.78 [.045-.070] | NO | NO | 3.56 ± 0.39 [.140 ± .0155] | 0.84 ± 0.05 [.033 ± .002] | 60789-[] 61276-[] | 60598-[] 61119-[] | .058 DIAMETER PC CONTACT | 114-1008 |
| 91526-1 91526-3 | 0.12-0.38 [26-22] 0.50-0.96 [20-18] | 1.27-2.92 [.050-.115] | YES | NO | 3.96 ± 0.38 [.156 ± .015] | 0.71 ± 0.057 [.028 ± .002] 0.97 ± 0.057 [.038 ± .002] | 350666-[] 640545-[] 640580-[] 641300-[] | 350665-[] 350967-[] 350969-[] 641294-[] | MINIATURE RECTANGULAR CONTACTS | 114-1014 |
| 91531-1 91531-3 | 0.12-0.35 PIN [26-22] 0.12-0.35 RECP [26-22] | 0.91-1.37 [.036-.054] | YES | YES | 3.56 ± 0.38 [.140 ± .015] | 0.76 ± 0.05 [.030 ± .002] | 104505-3 104505-5 104505-7 531216-2 104480-7 531216-4 104480-8 530553-3 104480-9 530553-5 1-104480-4 530553-7 1-104480-5 531224-7 1-104480-6 | 104505-2 104505-4 104505-6 531216-1 104480-1 1-104480-7 531216-3 104480-2 530553-3 104480-3 530553-5 104480-4 530553-7 1-104480-2 531224-6 1-104480-3 | TANDEM SPRING Contacts | 114-25021 |
| 91534-1 91534-3 | 0.12-0.24 [26-24] | 0.64-1.27 [.025-.050] | YES | NO | 3.96 ± 0.38 [.156 ± .015] | 0.71 ± 0.05 [.028 ± .002] | 640579-[] 794001-[] | 350968-[] 794000-[] | MINIATURE RECTANGULAR CONTACTS | 114-1014 |
| 91535-1 91535-3 | 0.20-0.35 [24-22] 0.50-0.56 [20] | 1.22-2.03 [.048-.080] | YES | NO | 3.56 ± 0.38 [.140 ± .015] | 0.84 ± 0.05 [.033 ± .002] 0.99 ± 0.05 [.039 ± .002] | 531477-3 583853-9 531477-5 1-583853-1 583853-4 583853-5 | 531477-1 583853-3 531477-2 583853-7 531477-4 583853-8 583853-1 1-583853-0 583853-2 1-583853-3 | TWIN LEAF CONTACTS | 114-9004 |
| 91537-1 91537-3 | 0.12-0.22 [26-24] 0.30-0.35 [22] | 1.02-1.42 [.040-.056] 1.02-1.75 [.040-.069] 1.02-1.42 [.040-.056] 1.02-1.75 [.040-.069] | NO | NO | 3.18 ± 0.38 [.125 ± .015] | 0.622 ± 0.038 [.0245 ± .0015] 0.71 ± 0.05 [.028 ± .002] | 86561-[] 88067-[] 86571-[] 181270-[] 86658-2 86657-2 86561-[] 88067-[] 86571-[] 181270-[] 86658-2 86657-2 | 86557-[] 88067-2 86566-[] 86557-[] 88067-2 86566-[] 86656-2 86655-2 | FLEXIBLE FLAT CABLE CONNECTORS | 114-16003 114-16007 114-16015 114-20004 |
| 91538-1 91538-3 | 0.05-0.56 [30-20] | 0.76-2.16 [.030-.085] | NO | NO | 5.16 ± 0.38 [.203 ± .015] | 1.09 ± 0.05 [.043 ± .002] | SEE INSTRUCTION SHEET 408-10274 | | TYPE II SCREW MACHINE CONTACT | 114-10026 |

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.

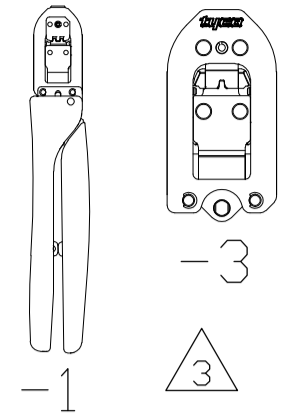
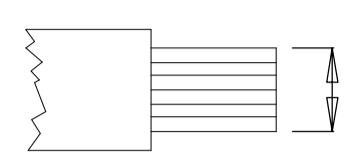
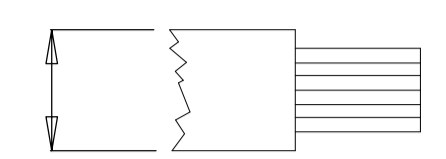
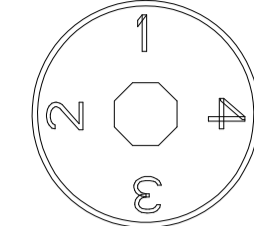
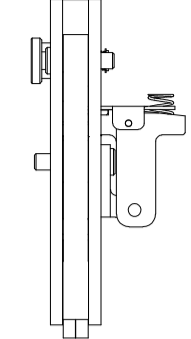
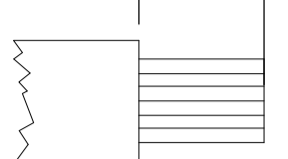
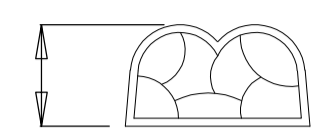

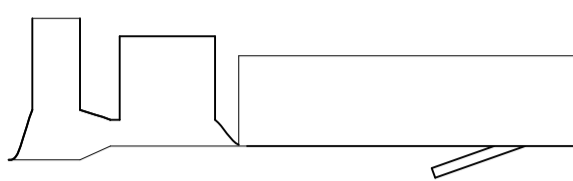
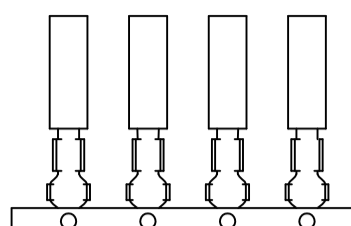
-1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY. -3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.


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. THE 91538-1 AND -3 TOOL USE IS 408-10274.

2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.


CERTI-CRIMP II DATA SHEET

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DWN: M. YOUNGER 21FEB2012 | | MATERIAL: - | | HEAT TREAT: - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></tr> <tr><td>3</td><td>PLC</td><td>± .</td></tr> <tr><td>4</td><td>PLC</td><td>± .</td></tr> </table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | 3 | PLC | ± . | 4 | PLC | ± . | <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></tr> <tr><td>3</td><td>PLC</td><td>± .</td></tr> <tr><td>4</td><td>PLC</td><td>± .</td></tr> </table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | 3 | PLC | ± . | 4 | PLC | ± . | CHK: B.A.WOLFE 22FEB2012 | | APVD: B.A. WOLFE 22FEB2012 | | TE Connectivity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></tr> <tr><td>3</td><td>PLC</td><td>± .</td></tr> <tr><td>4</td><td>PLC</td><td>± .</td></tr> </table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | 3 | PLC | ± . | 4 | PLC | ± . | <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></tr> <tr><td>3</td><td>PLC</td><td>± .</td></tr> <tr><td>4</td><td>PLC</td><td>± .</td></tr> </table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | 3 | PLC | ± . | 4 | PLC | ± . | <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></tr> <tr><td>3</td><td>PLC</td><td>± .</td></tr> <tr><td>4</td><td>PLC</td><td>± .</td></tr> </table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | 3 | PLC | ± . | 4 | PLC | ± . | <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></tr> <tr><td>3</td><td>PLC</td><td>± .</td></tr> <tr><td>4</td><td>PLC</td><td>± .</td></tr> </table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | 3 | PLC | ± . | 4 | PLC | ± . | <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></tr> <tr><td>3</td><td>PLC</td><td>± .</td></tr> <tr><td>4</td><td>PLC</td><td>± .</td></tr> </table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | 3 | PLC | ± . | 4 | PLC | ± . |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></tr> <tr><td>3</td><td>PLC</td><td>± .</td></tr> <tr><td>4</td><td>PLC</td><td>± .</td></tr> </table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | 3 | PLC | ± . | 4 | PLC | ± . | <table border="1"> <tr><td>0</td><td>PLC</td><td>± .</td></tr> <tr><td>1</td><td>PLC</td><td>± .</td></tr> <tr><td>2</td><td>PLC</td><td>± .</td></</tr></table> | | 0 | PLC | ± . | 1 | PLC | ± . | 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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  | | | |
| 91539-1 91539-3 | 0.30-0.89 [22-18] | - | NO | NO | 6.35 ± 0.38 [250 ± .015] | 1.60 ± 0.05 [0.63 ± .002] | PIN - | SOCKET 201751-[] | COLOR: GREEN BARREL BLUE SHOULDER | | TYPE II SCREW MACHINE CONTACT | 114-10026 |
| | 2x0.75 [2x18] | - | | | | | PIN 202725-[] | SOCKET 202726-[] | COLOR: BLUE SHOULDER | | | |
| | 0.75-1.42 [18-16] | - | | | | | PIN 200681-[] 200336-[] 204274-[] 204219-[] 207893-[] | SOCKET 201589-[] 200333-[] 207896-[] 130743-1 | COLOR: BLUE BARREL BLUE SHOULDER | | | |
| | 2.00-2.27 [14] | - | | | | | PIN 201645-[] 201570-[] | SOCKET 201568-[] | COLOR: VIOLET BARREL BLUE SHOULDER | | | |
| 91540-1 91540-3 | 0.12-0.35 [26-22] | 0.91-1.42 [0.36-.056] | YES | NO | 3.56 ± 0.38 [140 ± .015] | 0.76 ± 0.05 [0.30 ± .002] | 530553-5 | 531216-2 | 530553-1 | 530553-6 | TANDEM SPRING & MINI-TANDEM SPRING CONTACTS | 114-25021 |
| | 0.03-0.09 [32-28] | 0.64-1.37 [0.25-.054] | | | | | 530553-7 | 531216-4 531224-7 | 530553-2 530553-4 | 531216-1 531216-3 | | |
| 91544-1 91544-3 | 0.20-0.35 [24-22] | 1.58 MAX [0.62] MAX | YES | NO | 3.96 ± 0.38 [156 ± .015] | 0.724 ± 0.051 [0.285 ± .002] | 164169-[] | 203802-[] | 164153-[] | 203801-[] | TYPE XI CONTACT | 114-10002 |
| | 0.50-0.56 [20] | | | | | | 164170-[] | 203816-[] | 164155-[] | 203815-[] | | |
| 91546-1 91546-3 | 0.50-0.89 [20-18] | 2.03-2.54 [0.80-1.00] | NO | NO | 4.76 ± 0.38 [188 ± .015] | 1.42 ± 0.05 [0.56 ± .002] | 41667 | | 41650 | | TAPER PIN CONTACT | 114-7006 |
| 91547-1 91547-3 | 0.20-0.35 [24-22] | 1.02-1.52 [0.40-.060] | NO | NO | 3.18 ± 0.38 [125 ± .015] | 0.89 ± 0.05 [0.35 ± .002] | 41661 41662 | 41663 | 41278 41640 | 41646 66113-3 | TAPER PIN CONTACT | 114-7006 |
| 91555-1 91555-3 | 0.20-0.56 [24-20] | 1.02-1.78 [0.40-.070] | NO | NO | 2.92-3.68 [115-145] | 0.991 ± 0.038 [0.39 ± .0015] | 66010-[] 531586-6 | | 66005-[] 531586-3 | | AMP-BLADE RECEPTACLE CONTACT | 108-9202 |
| | 2x0.2 DR 2x0.3 [2x24 DR 2x22] | 2.79 [110] MAX TOTAL | | | | | | | | | | |

 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.


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

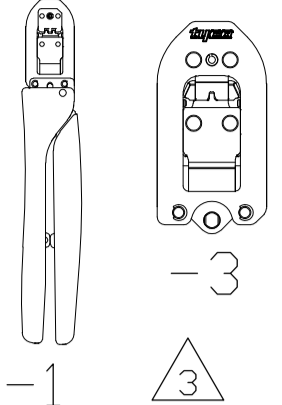
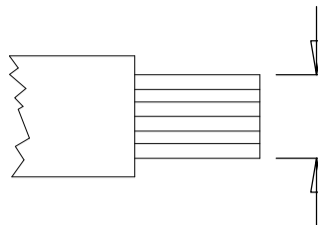
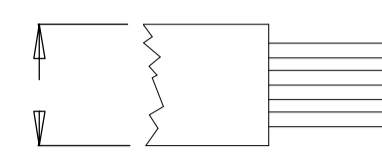
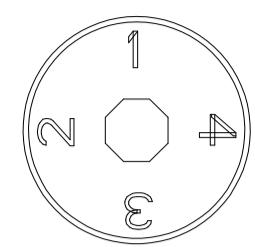
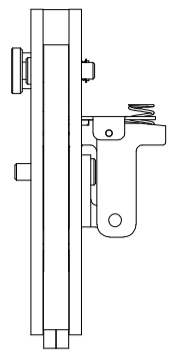
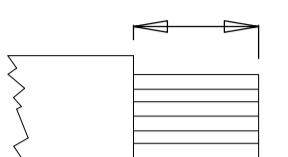
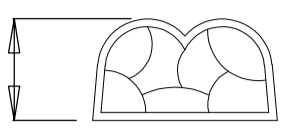

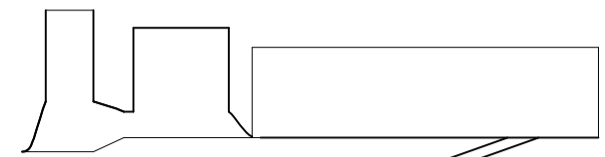
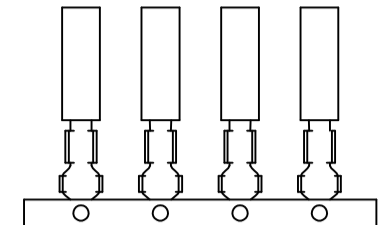
4. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414. THE 91538-1 AND -3 TOOL USE IS 408-10274.


CERTI-CRIMP II DATA SHEET

| | | | | | |
|--------------------------------------|--|----------------------------|--|----------------------|--|
| DWG: M. YOUNGER 21FEB2012 | | MATERIAL: - | | HEAT TREAT: - | |
| CHK: B.A. WOLFE 22FEB2012 | | APVD: B.A. WOLFE 22FEB2012 | | TE Connectivity | |
| NAME: CERTI-CRIMP II TOOL DATA SHEET | | MISCELLANEOUS CONTACTS | | SHEET 2 OF 8 REV F16 | |
| SCALE: - | | SIZE: A1 | | DRAWING NO: 1583011 | |


| | | | |
|----------------|-----|--|-----|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | |
| 0 PLC | ± . | 1 PLC | ± . |
| 2 PLC | ± . | 3 PLC | ± . |
| 4 PLC | ± . | | |
| ANGLES: - | | SURFACE TEXTURE:  | |

| | | | |
|-----------------|------|-----|------|
| REVISION RECORD | DATE | OWN | APVD |
| - SEE SHEET 1 | - | - | - |

| 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  | | | |
| 91354-1 | 1.94-2.15 [14] | 2.18-3.94 [.086-.155] | NO | NO | 4.8-5.6 [.189-.220] | 1.70 ± 0.05 [.067 ± .002] | 9-1437846-0 | | .040" [DUAL CONTACT] SBEC 1 MM TERMINAL | 114-13039 | | |
| 91355-1 | 0.32-0.38 [22] | 1.50-1.75 [.059-.069] | NO | NO | 4.8-5.6 [.189-.220] | 1.10 ± 0.05 [.043 ± .002] | 9-1437846-1 | | .040" [DUAL CONTACT] SBEC 1 MM TERMINAL | 114-13039 | | |
| | 0.81-0.96 [18] | 1.70-3.00 [.067-.118] | | | | 1.45 ± 0.05 [.057 ± .002] | 9-1437846-2 | | | | | |
| 91356-1 | 1.28-1.42 [16] | 2.18-2.41 [.086-.095] | NO | NO | 4.8-5.6 [.189-.220] | 1.32 ± 0.05 [.052 ± .002] | 1456004-1 | | 1 MM TERMINAL | 114-13039 | | |
| 91357-1 | 0.50-0.60 [20] | 1.70-1.93 [.067-.076] | NO | NO | 4.8-5.6 [.189-.220] | 1.05 ± 0.05 [.041 ± .002] | 1456004-2 | | 1 MM TERMINAL | 114-13039 | | |
| | 0.81-0.96 [18] | 1.90-2.25 [.075-.089] | | | | 1.15 ± 0.05 [.045 ± .002] | 1456004-1 | | | | | |
| 91599-1 | 0.20-0.22 [24] | 0.96-1.12 [.038-.044] | NO | NO | 2.5-3.3 [.100-.130] | 0.79 ± 0.05 [.031 ± .002] | 1604735-1 | | FUSE CLIP | N/A | | |
| 1725061-1 | 0.30-0.35 [22] | 1.34-1.60 [.053-.063] | NO | NO | 3.8-4.8 [.150-.189] | 1.55 ± 0.13 [.061 ± .005] | ASCO PN: 280019-001 | | ASCO REDHAT | N/A | | |
| 1804573-1 | 0.50-0.56x2 [20x2] | 1.27-1.83 [.050-.072] | NO | NO | 2.9-3.7 [.115-.145] | 1.11 ± 0.05 [.043 ± .002] | 66026-2 | 66021-2 | AMP BLADE RECEPT. | 108-9201 | | |
| 1804573-3 | | 1.73-2.29 [.065-.090] | | | | 0.99 ± 0.05 [.039 ± .002] | | | | | | |
| 1213783-1 | 0.12-0.37 (26-22) | 1.20-1.90 (.047-.075) | NO | NO | 3.2 ± 0.5 (.12 ± .02) | 0.83 ± 0.04 (.033 ± .002) | 175153 | 175155 | 175149 | 175151 | UNIVERSAL POWER CONTACT | 114-5142 |
| | 0.50-0.89 (20-18) | 1.70-2.70 (.067-.106) | | | | 1.13 ± 0.05 (.044 ± .002) | 175154 | 175156 | 175150 | 175152 | | |
| | 1.25-1.42 (16) | 2.50-3.30 (.098-.130) | | | | 1.43 ± 0.05 (.056 ± .002) | | | | | | |


 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 & AMP-BLADE ARE TRADEMARKS.

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

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CERTI-CRIMP II DATA SHEET

| | | | |
|---|----------|---|----------------------|
| DWG: M. YOUNGER 21FEB2012 | | MATERIAL: - | HEAT TREAT: - |
| CHK: B.A.WOLFE 22FEB2012 | |  TE Connectivity | |
| APVD: B.A. WOLFE 22FEB2012 | | | |
| NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS | | | |
| SCALE: - | SIZE: A1 | DRAWING NO: 1583011 | SHEET 3 of 8 REV F16 |

| | | | |
|---|-----|---|---|
| 0 | PLC | ± | - |
| 1 | PLC | ± | - |
| 2 | PLC | ± | - |
| 3 | PLC | ± | - |
| 4 | PLC | ± | - |

THIS DRAWING IS A CONTROLLED DOCUMENT. DRAW NO 1583011

| 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 Δ | | CONTACT DESCRIP. | APPLIC. SPECIF. |
|------------------------|--|--|-----------------|------------------|------------------------------|--|---------------------------------|-------------------------------|--|------------------------|
| | | | | | | | LOOSE PIECE | STRIP FORM | | |
| 1901760-1 1901760-3 | 0.30-0.56 [22-20] | 1.5-2.4 [.059-.094] | NO | NO | 4.0 ± 0.2 [.156 ± .008] | 0.99 ± 0.14 [.039 ± .003] | 1-170321-1 | 1-170291-1 | DUAL LINK INTERLOCK CONN. | 114-5045 |
| 1901771-1 1901771-3 | 0.50-0.96 [20-18] 0.12-0.38 [26-22] | 1.27-2.92 [.050-.115] | YES | NO | 4.0 ± 0.4 [.156 ± .015] | 0.97 ± 0.05 [.039 ± .002] 0.71 ± 0.05 [.028 ± .002] | 350037 350036 | 350019 350018 | MINIATURE RECTANGULAR CONTACT | 114-1014 |
| 1901786-1 1901786-3 | 0.03-0.09 [32-28] | 0.64-1.52 [.025-.060] 0.64-1.37 [.025-.054] | YES | NO | 3.96-3.18 [.156-.125] | 0.53 ± 0.05 [.021 ± .002] | 530901-3 104506-[] | 530901-2 104506-[] | MINI TANDEM SPRING RCPT AMPMODU MTE PIN | 114-25021 114-25026 |
| 1901798-1 1901798-3 | 0.20-0.38 [24-22] 0.5-0.6 [20] | 0.97-1.57 [.038-.062] 1.27-2.54 [.050-.100] | YES | NO | 3.96 [.156] | 0.89 ± 0.05 [.035 ± .002] 1.02 ± 0.05 [.040 ± .002] | - | 867052-[] | LOCKING CLIP .025-IN. SQUARE CONTACT | 114-25006 |
| 1901829-1 1901829-3 | INSULATION PIERCING SEE INSULATION DIAMETER | 1.40 [.055] 1.02 [.040] | NO | NO | USE UNSTRIPPED WIRE | 1.27 ± 0.05 [.050 ± .002] 1.17 ± 0.05 [.046 ± .002] | 102348-2 102348-3 | 87107-5 87107-6 | MOD IV CRIMP SNAP-IN RCPT | 114-25003 |
| 1901957-1 1901957-3 | 0.05-0.15 [30-26] 0.12-0.35 [26-22] | 1.0-1.9 [.039-.075] 0.9-1.5 [.035-.059] | YES | NO | 2.5 ± 0.5 [.098 ± .020] | 0.71-0.86 [.028-.034] 0.59-0.73 [.023-.029] | 171612-[] 171611-[] | 171610-[] 171609-[] | AMP-ULTREX 2.5mm/2.54mm PITCH RECEPTACLE CONTACT | 114-5077 |
| 1901963-1 1901963-3 | 1.28-2.15 [16-14] 0.50-0.96 [20-18] | 3.3-4.6 [.130-.180] 2.5-4.6 [.100-.180] | YES | NO | 6.35 ± 1.60 [.250 ± .062] | 1.68 ± 0.08 [.066 ± .003] 1.40 ± 0.08 [.055 ± .003] | SOCKET PIN 350388-1 350389-1 | SOCKET PIN 61626-1 61627-1 | .140 MATE-N-LOK PIN AND SOCKET | 114-1007 |
| 1976150-1 | 0.50-1.00 [24-20] 0.21-0.56 [32-26] | 1.80 MAX [.071 MAX] 1.27 MAX [.050 MAX] | YES | NO | 4.37 ± 0.25 [.172 ± .010] | 0.94 ± 0.05 [.037 ± .002] 0.978 ± 0.050 [.0385 ± .0020] | - | 86497-2 86008-1 | HI PRESSURE AMPMODU (INVERTED) | 114-25010 |
| 2217748-1 | 0.80-0.50 [18-20] 1.40 [16] | 1.7-2.7 [.067-.106] | YES | NO | 5.10 ± 0.40 [.200 ± .016] | 1.22 ± 0.05 [.048 ± .002] 1.40 ± 0.050 [.055 ± .0020] | 770854-1 | 770520-1 | AMPSEAL | 114-16016 |

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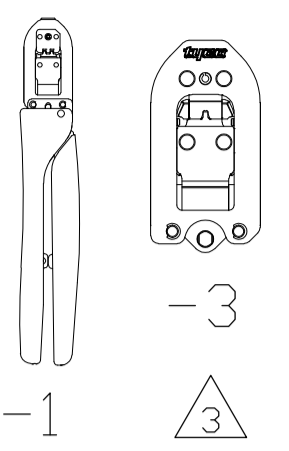
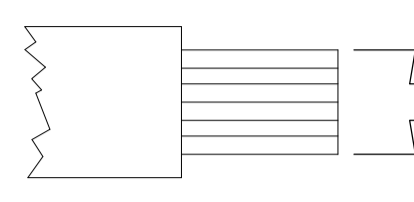
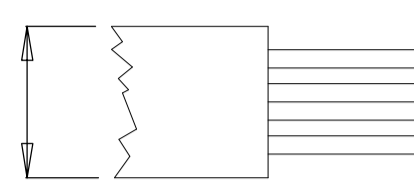
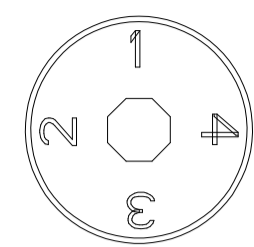
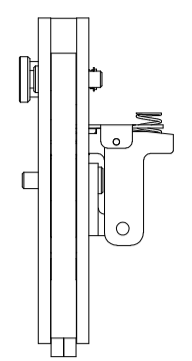
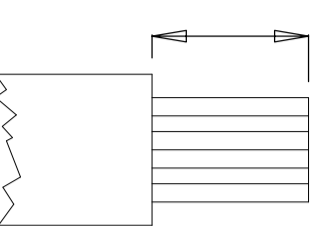


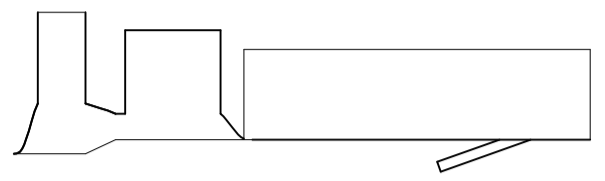
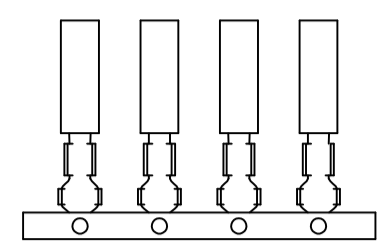
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CERTI-CRIMP II DATA SHEET


| | | | | | | |
|---|--|--|-----------|----------------------------|--|---------------------|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DWG: M. YOUNGER 21FEB2012 | MATERIAL: - | HEAT TREAT: - |
| | | 0 PLC ± . | 1 PLC ± . | CHK: B.A. WOLFE 22FEB2012 | TE Connectivity | |
| ANGLE: # - SURFACE TEXTURE: $\sqrt{\quad}$ | | 2 PLC ± . | 3 PLC ± . | APVD: B.A. WOLFE 22FEB2012 | NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS | |
| P LTR REVISION RECORD | | 4 PLC ± . | | SCALE: - | SIZE: A1 | DRAWING NO: 1583011 |
| DATE: - | | DATE: - | | SHEET: 4 of 8 | | REV: F16 |

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG NO 1583011


| 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  | | |
| 1901557-1 | 0.50-0.56 [20] | 2.20-2.60 [.087-.102] | NO | NO | 4.0-5.0 [.157-.197] | 1.285 ± 0.065 [.0505 ± .0025] | 170112 170113 | 170099-2 170100-2 | .079 (2.0mm) DIA PIN & RECEPTACLE | 114-5019 |
| | 0.75-0.89 [18] | | | | | 1.310 ± 0.090 [.0515 ± .0035] | | | | |
| 1901557-3 | 1.25-1.42 [16] | 2.70-3.50 [.106-.138] | NO | NO | 4.5-7.0 [.177-.276] | 1.645 ± 0.050 [.0652 ± .0020] | 170292 170293 171654 | 170279-1 170280-1 172786-1 | .079 (2.0mm) DIA PIN & RECEPTACLE, LANCELESS | 114-5039 |
| | 2.00-2.27 [14] | | | | | 1.690 ± 0.090 [.0665 ± .0035] | | | | |
| 1976577-1 | 0.80-1.24 [20-18] | 1.37-1.88 [.054-.074] | NO | NO | 2.92-3.68 [.115-.145] | 1.35 ± 0.05 [.053 ± .002] | 66169 66168 | 66144 66143 | AMP-TAB CONTACTS | 108-5039 |
| 1976577-3 | 0.40-0.64 [26-22] | 0.89-1.37 [.035-.054] | | | | 0.94 ± 0.50 [.037 ± .002] | | | | |
| 2031245-1 | 0.50-0.90 [20-18] | 1.27-1.65 [.050-.065] | NO | NO | 3.18-3.96 [.125-.156] | 1.029 ± 0.051 [.0405 ± .002] | 167730-1 164715-1 | - - | AMP-LEAF | 114-9003 |
| 2031245-3 | 0.20-0.40 [24-22] | 0.89-1.40 [.035-.055] | | | | 0.775 ± 0.051 [.0305 ± .002] | | | | |
| 2031200-1 | 0.20-0.22 [24] | 1.02 [.040] | NO | NO | 3.56 ± 0.39 [.140 ± .015] | 0.84 ± 0.05 [.033 ± .002] | 60789 61276 | 60598 61119 | .058 DIA PC CONTACT | 114-1008 |
| 2031200-3 | | | | | | | | | | |
| 2063834-1 | 0.5-0.6 [20] | 1.8-2.1 [.071-.083] | YES | NO | 4.00-5.00 [.157-.197] | 0.89-1.05 [.035-.041] | 179419-1 179420-1 1376702-1 | - | .040 III UNSEALED RECEPTACLE CONTACT | 114-5217 |
| 2063834-3 | 0.8-0.9 [18] | | | | | 0.89-1.08 [.035-.043] | | | | |
| | 1.25-14.42 [16] | | | | | 1.06-1.40 [.042-.055] | | | | |
| 2063850-1 | 0.30-0.89 [22-18] | 1.1-1.8 [.043-.071] | YES | NO | 4.00-5.00 [.157-.197] | 0.78-1.15 [.031-.045] | 1376700 1376701 | 316836 316837 | .040 III UNSEALED RECEPTACLE CONTACT | 114-5217 |
| 2063850-3 | | | | | | | | | | |
| 2063811-1 | - | 0.9-3.5 [.036-.138] | NO | NO | - | - | 328854 328858 328855 328859 328856 328860 328857 328861 | - | PRE-INSULATED SPARE WIRE CAP | - |
| 2063811-3 | | | | | | | | | | |
| 2063857-1 | 22 OR 20 OR (2)24 | 1.52-2.29 [.060-.090] | NO | NO | 3.56±0.40 [.140±.015] | 0.94 ± 0.05 [.037 ± .002] | 640024-1 | 640259-1 | .058 DIA PC CONTACT | 114-1008 |
| | 18 OR (2)20 OR (2)22 | | | | | 1.24 ± 0.05 [.049 ± .002] | | | | |

 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.

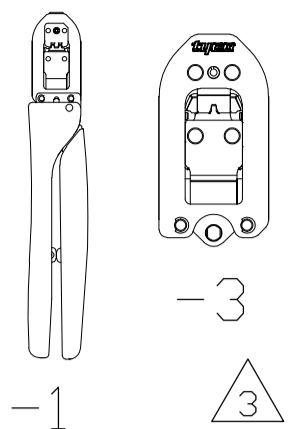
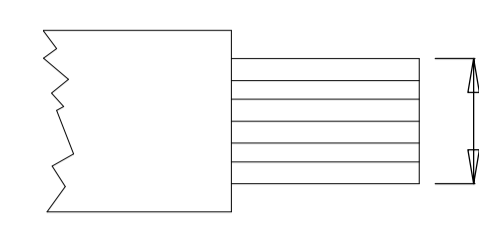
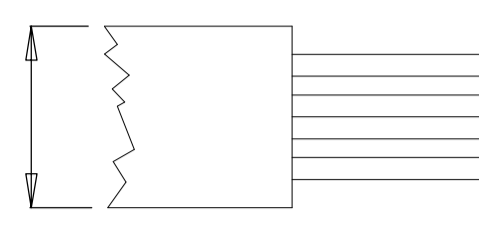
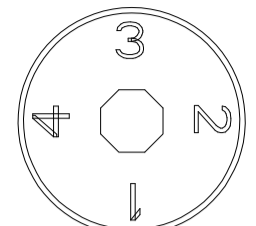
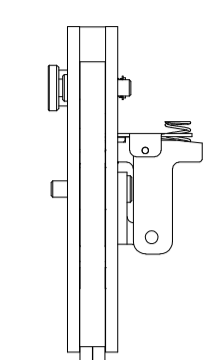
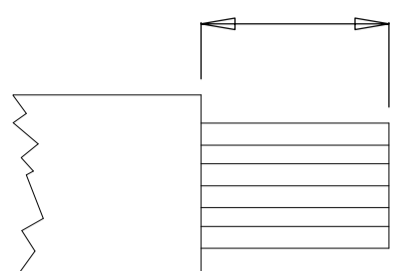
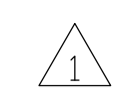
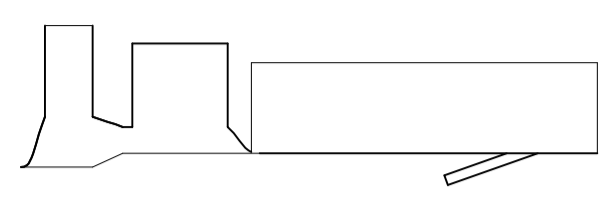
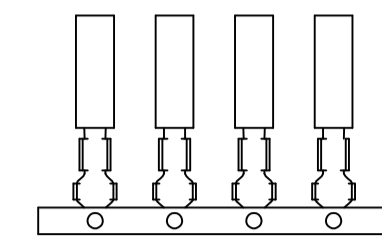
 -1 IS A CERTI-CRIMP II HAND TOOL ASSEMBLY. -3 IS A CERTI-CRIMP II HEAD SUB-ASSEMBLY.


 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. THE 91538-1 AND -3 TOOL USE IS 408-10274.


CERTI-CRIMP II DATA SHEET

| | | | |
|---|----------|---|------------------------|
| DWN: M. YOUNGER 21FEB2012 | | MATERIAL: - | HEAT TREAT: - |
| CHK: B.A.WOLFE 22FEB2012 | |  TE Connectivity | |
| APVD: B.A. WOLFE 22FEB2012 | | | |
| NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS | | | |
| SCALE: - | SIZE: A1 | DRAWING NO: 1583011 | SHEET: 5 of 8 REV: F16 |

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| 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  | | |
| 2119536-1 2119536-3 | 0.03 [32] 0.50-0.06 [30] 0.08-0.09 [28] | 0.4-0.7 [.016-.028] 0.5-0.8 [.020-.031] | YES | YES | 1.0-1.2 [.04-.05] | 0.405 ± 0.025 [.0159 ± .0010] 0.419 ± 0.025 [.0165 ± .0010] 0.460 ± 0.025 [.0181 ± .0010] | - | 1734597-1 | 1.0 WIRE TO BOARD CONNECTOR | 114-57020 |
| 2119537-1 2119537-3 | 0.03 [32] 0.05-0.06 [30] 0.08-0.09 [28] | 0.9-1.2 [.035-.047] | YES | YES | 0.9-1.3 [.04-.05] | 0.485 ± 0.025 [.0190 ± .0010] 0.505 ± 0.025 [.0200 ± .0010] 0.535 ± 0.025 [.0210 ± .0010] | - | 1734193-1 | 1.25 WIRE TO BOARD CONNECTOR | 114-57016 |
| 2119538-1 2119538-3 | 0.05-0.06 [30] 0.08-0.12 [28-26] 0.20 [24] | .089-1.50 [.035-.059] | NO | YES | 1.9-2.5 [.08-.10] | 0.550 ± 0.025 [.022 ± .0010] 0.550 ± 0.025 [.022 ± .0010] 0.580 ± 0.025 [.023 ± .0010] | - | 1775442-1 | 2.0 WIRE TO BOARD CONNECTOR | 114-57011 |
| 2119539-1 2119539-3 | 0.05 [30] 0.08-0.14 [28-26] 0.22 [24] | .089-1.50 [.035-.059] | YES | YES | 1.9-2.5 [.08-.10] | 0.545 ± 0.025 [.0215 ± .0010] 0.584 ± 0.025 [.023 ± .0010] 0.645 ± 0.025 [.0255 ± .0010] | - | 440132-1 1735801-1 | 2.0 WIRE TO BOARD CONNECTOR | 114-57011 |
| 1752794-1 | 0.20-0.35 [24-22] 0.50-0.56 [20] | - | NO | NO | 3.1-3.6 [.12-.14] | 0.94 ± 0.05 [.037 ± .002] 1.07 ± 0.05 [.042 ± .002] | - | 42869-6 | .040 PIN RECEPT | 114-2083 |
| 1976156-1 | .013 [26] 0.20-0.22 [24] | 0.80-0.95 [.031-.037] .090-1.20 [.035-.047] | NO | YES | 3.25-3.55 [.13-.14] | 0.61 ± 0.025 [.024 ± .001] 0.66 ± 0.025 [.026 ± .001] | 1-211449-1 1-211449-2 1-211449-6 | 1-1703930-1 1-1703930-2 1-1703930-6 | NAND MQS | 114-18858 |
| 1976157-1 | 0.35 [22] 0.35 [22] | 1.0-1.2 [.039-.047] 1.2-1.3 [.047-.051] | NO | YES | 3.25-3.55 [.13-.14] | 0.82 ± 0.025 [.032 ± .001] 0.82 ± 0.025 [.032 ± .001] | 1-2112449-1 1-2112449-2 1-2112449-6 | 1-1703930-1 1-1703930-2 1-1703930-6 | NAND MQS | 114-18858 |

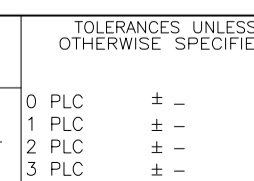
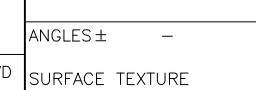

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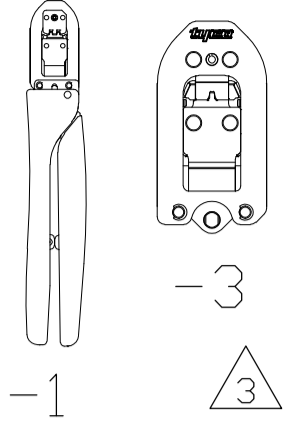
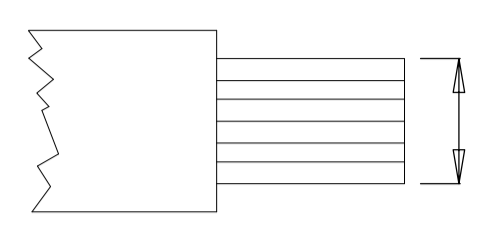
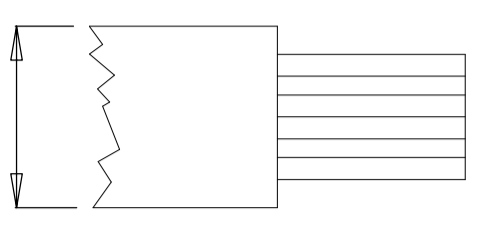
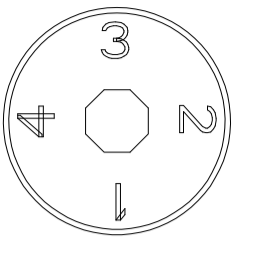
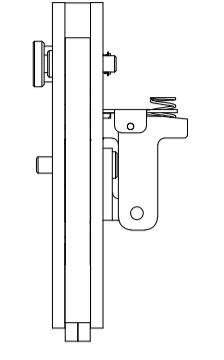
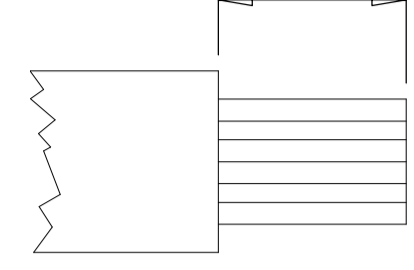

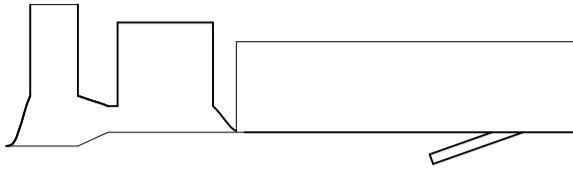
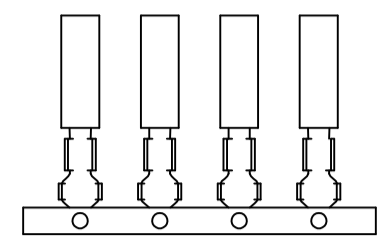
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2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.


CERTI-CRIMP II DATA SHEET

| | | | | | | |
|---|--|---|--|--|---|---------------|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DWG: M. YOUNGER 21FEB2012 | MATERIAL: - | HEAT TREAT: - |
|  | |  | | CHK: B.A.WOLFE 22FEB2012 |  TE Connectivity | |
| APVD: B.A. WOLFE 22FEB2012 | | NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS | | SCALE: - SIZE: A1 DRAWING NO: 1583011 SHEET: 6 of 8 REV: F16 | | |
| P LTR | | REVISION RECORD | | DATE | DWG | APVD |

THIS DRAWING IS A CONTROLLED DOCUMENT. DRAW NO 1583011

| 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  | | | |
| 2217655-1 | 0.32-0.38 [22] | 1.7-2.9 [.67-.114] | YES | NO | 2.69-3.30 [.106-.130] | 1.00 ± 0.05 [.039 ±.002] | 1744395-1 | 1744144-1 | ECONOMY POWER II | 114-13265 | |
| | 0.50-0.60 [20] | | | | | 1.10 ± 0.05 [.043 ±.002] | | | | | |
| | 0.81-0.89 [18] | | | | | 1.15 ± 0.05 [.043 ±.002] | | | | | |
| 2217660-1 | 0.50-0.60 [20] | 1.7-2.9 [.67-.114] | YES | NO | 2.46-2.84 [.097-.112] | 1.12 ± 0.05 [.044 ±.002] | 1744396-1 | 1744201-1 | ECONOMY POWER II | 114-13265 | |
| | 0.81-0.89 [18] | | | | | 1.27 ± 0.05 [.050 ±.002] | | | | | |
| | 1.25-1.42 [16] | | | | | 1.47 ± 0.05 [.058 ±.002] | | | | | |
| 2217742-1 | 0.50-0.90 [20-18] | 1.85-2.29 [.073-.090] | YES | NO | 3.18-3.56 [.125-.156] | 1.092 ± 0.051 [.043 ±.002] | 583875-3 583875-6 5-583875-6 | 583875-2 583875-5 5-583875-5 | TWIN LEAF CONTACT | 114-9004 | |
| | 1.25-1.42 [16] | | | | | 1.346 ± 0.051 [.053 ±.002] | | | | | |
| 2217754-1 | 0.30-1.00 [2X22-1X18] | 2X22=3.05 MAX [.120 MAX] | NO | NO | 3.18-3.56 [.125-.156] | 1.1304 ± 0.038 [.0445 ±.0015] | 42840-[] 583272-[] 583989-[] | 42717-[] []-583361-[] 60030-[] 58355-[] 583271-[] []-583989-[] | AMP LEAF CONTACT | 114-9003 | |
| | 0.30-0.60 [22-20] | 1X18=1.65-2.03 [.065-.080] | | | | 0.9779 ± 0.0381 [.0385 ±.0015] | | | | | |
| 2217766-1 | 0.32-0.60 [22-20] | 1.27-2.54 [.50-.100] | YES | NO | 3.96 [.156] | 1.02 ± 0.05 [.040 ±.002] | 87278-[] | 87269-[] | LOCKING CLIP CONTACT .031 X .062 | 114-25008 | |
| | 0.80-0.90 [18] | | | | | 1.22 ± 0.05 [.048 ±.002] | | | | | |
| 2280413-1 | 0.85-0.87 [18] | - | NO | YES | 1.60 [.063] | 1.15 ± 0.05 [.0153 ±.002] | - | RECPT-2271279-[] PIN-2271283-[] GROUND-2271285-[] | MICRO MOTOR CONN. | 114-5377 | |
| | 0.51-0.53 [20] | | | 1 | | RECPT. | | | | | 1.00 ± 0.05 [.0394 ± .002] |
| | 0.34-0.37 [22] | | | 2 | | PIN | | | | | 0.85 ± 0.05 [.0335 ± .002] |
| 2217746-1 | 0.50-1.40 [2X20-2X18-16] | 4.06 MAX [.160 MAX] | NO | NO | 3.56 ± 0.38 [.140 ±.015] | 1.384 ± 0.051 [.0545 ±.0020] | 42840-3 66028-3 []-583989-[] 583991-3 | 42717-3 []-583361-[] 60151-[] 42840-1 1-42840-3 1-42840-4 | 60082-1 1-60082-3 66028-1 1-66028-3 | AMP LEAF CONTACT | 114-9003 |
| | 0.50-0.60 [20] | 1.40-2.03 [.055-.080] | | | | 1.054 ± 0.038 [.0415 ±.0015] | | | | | |
| 2217743-1 | 0.40-1.00 [21-8/2X22] | 3.05 MAX [.120 MAX] | NO | NO | 3.56 ± 0.38 [.140 ±.015] | 1.029 ± 0.038 [.0405 ±.0015] | 42840-3 583268-[] | 42717-1 42702-1 583267-[] 583271-[] | 583272-[] 583990-[] 583991-[] 583989-[] | AMP LEAF CONTACT | 114-9003 |
| | 0.10-0.40 [26-22] | 1.27-1.53 [.050-.060] | | | | 0.775 ± .0038 [.0305 ±.0015] | | | | | |


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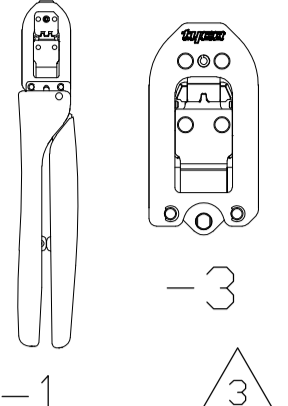
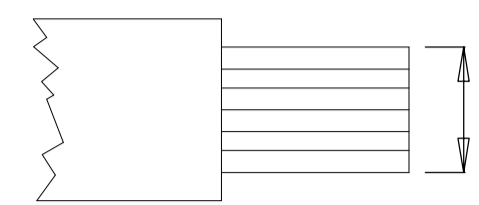
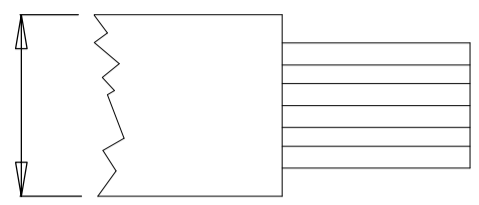
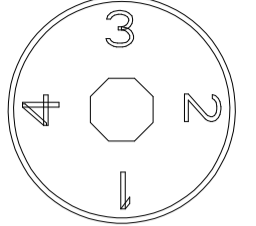
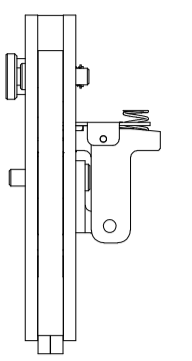
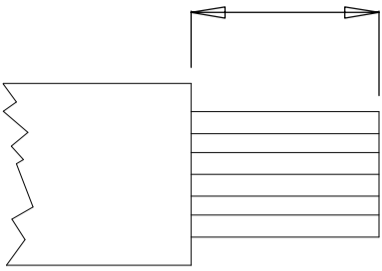

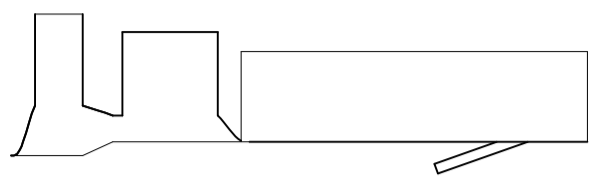
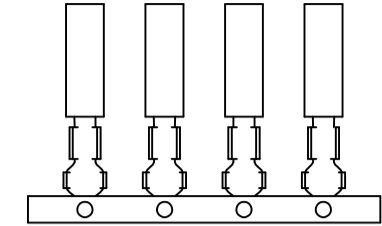
2. AMP, CERTI-CRIMP & AMP-BLADE ARE TRADEMARKS.

CERTI-CRIMP II DATA SHEET

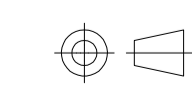


| | | | | | |
|---------------------------|--|----------------------------|--|---|--|
| DWN: M. YOUNGER 21FEB2012 | | MATERIAL: - | | HEAT TREAT: - | |
| CHK: B.A. WOLFE 22FEB2012 | | APVD: B.A. WOLFE 22FEB2012 | |  TE Connectivity | |
| NAME: B.A. WOLFE | | DRAWING NO: 1583011 | | | |
| SCALE: - | | SIZE: A1 | | SHEET: 7 of 8 | |
| REV: F16 | | DATE: - | | DATE: - | |

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THIS DRAWING IS A CONTROLLED DOCUMENT. 1583011

| 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  | | |
| 2217763-1 | 0.30-0.60 (22-20) | 1.02-2.04 (.040-.080) | NO | NO | 3.3 ± 0.4 (.130 ± .015) | 1.067 ± 0.038 (.042 ± .0015) | 66010-2 | 66005 | AMP BLADE RECEPT. | 108-9201 |
| | 0.12-0.20 (26-24) | 1.02-1.53 (.040-.060) | | | | 0.813 ± 0.038 (.032 ± .0015) | 66011-2 | 66009 | | |
| 2217748-1 | 0.80-0.50 [18-20] | 1.7-2.7 [.067-.106] | YES | NO | 5.10 ± 0.40 [.200 ± .016] | 1.22 ± 0.05 [.048 ± .002] | 770854-1 | 770520-1 | AMPSEAL | 114-16016 |
| | 1.40 [16] | | | | | 1.40 ± 0.05 [.055 ± .002] | | | | |
| 2217753-1 | 1.4-2.1 [16-14] | 2.26-3.18 [.089-.125] | NO | NO | 5.08 ± 0.40 [.200 ± .016] | 1.55 ± 0.05 [.061 ± .002] | - | 776491-[] | HDSF SIZE 16 PIN & SOCKET | 114-13045 |
| | 0.90 [18] | | | | | 1.37 ± 0.05 [.054 ± .002] | | 638112-[] | | |
| 2844375-1 | 0.13 [26] | 0.85-1.05 [.033-.041] | NO | YES | 3.25-3.55 [.128-.140] | 0.59 ± 0.02 [.0230 ± .0008] | - | 2098583-4 | 0.50MM RECEPTICLE CONTACT | 114-13287 |
| | 0.35 [22] | 1.10-1.20 [.043-.047] | | | | 0.67 ± 0.03 [.0264 ± .0012] | - | 2098583-1 | | |
| | 0.35 [22] | 1.10-1.40 [.043-.055] | | | | 0.68 ± 0.02 [.0268 ± .0008] | - | 2098583-2 | | |
| 2217755-1 | 0.15-0.24 [26-24] | 1.52 MAX [.060 MAX] | YES | NO | 3.05 [.120] | 0.63 ± 0.05 [.025 ± .002] | 794019-1 | - | .062 PIN & SOCKET | 114-1013 |
| | 0.06-0.90 [30-28] | | | | | 0.58 ± 0.05 [.023 ± .002] | | | | |

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TE CONNECTIVITY. IT IS THE PROPERTY OF TE CONNECTIVITY AND IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN AUTHORIZATION FROM TE CONNECTIVITY.

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|---|--|-----------------|------|-----|------|---|--|---|--|----------------------------|--|---|--|---------------------|--|---------------|--|----------|--|
| P LTR | | REVISION RECORD | DATE | DWN | APVD | DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DWN: M. YOUNGER 21FEB2012 | | MATERIAL: - | | HEAT TREAT: - | | | | | |
| - | | SEE SHEET 1 | - | - | - |  | | 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - | | CHK: B.A.WOLFE 22FEB2012 | | - | | - | | | | | |
| - | | - | - | - | - |  | | ANGLE: - SURFACE TEXTURE: ✓ | | APVD: B.A. WOLFE 22FEB2012 | |  TE Connectivity | | - | | | | | |
| NAME: CERTI-CRIMP II TOOL DATA SHEET MISCELLANEOUS CONTACTS | | | | | | | | | | SCALE: - | | SIZE: A1 | | DRAWING NO: 1583011 | | SHEET: 8 of 8 | | REV: F16 | |