

THIS DRAWING IS A CONTROLLED DOCUMENT. DRAW NO 1583003

| 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 \triangle | | CONTACT DESCRIPTION | APPLIC. SPECIF. |
|--------------------|------------------------------------|------------------------------------|----------------|-----------------|------------------------------|----------------------------------|--|--|----------------------------------|------------------------|
| | | | | | | | LOOSE PIECE | STRIP FORM | | |
| 91516-1 91516-3 | 0.05 - 0.15 [30-26] | 1.22 MAX [.048 MAX] | YES | NO | 3.96 ± 0.38 [.156 ± .015] | 0.686 ± 0.051 [.027 ± .0020] | 86015-[] \triangle 87045-[] | 85967-[] \triangle 86491-[] | AMPMODU MOD IV Rec. Contacts | 114-25003 |
| | 0.2 - 0.6 [24-20] | 1.75 MAX [.069 MAX] | | | 4.34 ± 0.38 [.171 ± .015] | 0.775 ± 0.051 [.0305 ± .0020] | 86016-[] 87309-[] | 85969-[] 87309-[] | | |
| 91517-1 91517-3 | 0.12 - 0.24 [26-24] | 1.02-1.52 [.040-.060] | YES | YES | 3.56 ± 0.38 [.140 ± .015] | 0.76 ± 0.05 [.030 ± .002] | 87667-[] 102548-[] 87756-[] 103171-[] | 87666-[] 102095-[] 166678-[] | AMPMODU MOD IV AND V CONTACTS | 114-25016 114-25003 |
| | 0.32 - 0.38 [22] | | | | | 0.86 ± 0.05 [.034 ± .002] | 102107-[] 166679-[] 102128-[] | | | |
| 91518-1 91518-3 | 0.03 - 0.09 [32-28] | 0.64-1.52 [.025-.060] | YES | YES | 3.18-3.96 [.125-.156] | 0.58 ± 0.05 [.023 ± .002] | 104481-6 104481-8 104481-7 | 104481-1 104481-3 104481-2 104481-4 | AMPMODU Short Point Contacts | 114-25038 |
| | 0.12 - 0.38 [26-22] | 0.64-1.52 [.025-.060] | | | 3.18-3.96 [.125-.156] | 0.79 ± 0.05 [.031 ± .002] | 104480-7 104480-9 104480-8 | 104480-1 104480-3 104480-2 104480-4 | | |
| 91533-1 91533-3 | 0.12 - 0.35 [26-22] | 0.97-1.57 [.038-.062] | YES | YES | 3.81 ± 0.13 [.150 ± .005] | 0.76 ± 0.05 [.030 ± .002] | 87165-[] | 87124-[] | LOCKING CLIP Contacts | 114-25006 |
| 91541-1 91541-3 | 0.03-0.06 [32-30] | 0.51-1.02 [.020-.040] | YES | NO | 2.77-4.37 [.109-.172] | 0.56 ± 0.05 [.022 ± .002] | 102098-[] 102316-[] 102917-[] 102918-[] 102920-[] 103455-[] | | AMPMODU MOD IV AND V CONTACTS | 114-25003 |
| | 0.08-0.10 [28-27] | | | | | 0.56 ± 0.05 [.022 ± .002] | | | | |
| 91551-1 91551-3 | 0.20-0.56 [24-20] | 0.64-1.52 [.025-.060] | YES | NO | 3.18-3.96 [.125-.156] | 0.74 ± 0.05 [.029 ± .002] | 104479-5 104479-6 104479-7 | 104479-2 104479-3 104479-4 | AMPMODU Short Point Contacts | 114-25038 |
| 91601-1 91601-3 | 0.20 [24] | 0.64-1.52 [.025-.060] | YES | NO | 3.18-3.96 [.125-.156] | 0.74 ± 0.05 [.029 ± .002] | 104479-5 104479-6 104479-7 | 104479-2 104479-3 104479-4 | AMPMODU Short Point Contacts | 114-25038 |
| | 0.30-0.60 [22-20] | | | | | | | | | |
| 2217081-1 | 0.03 - 0.09 [32-28] | 1.02 MAX (.040 MAX) | YES | YES | 4.37-2.77 [.172-.109] | 0.56 ± 0.05 [.022 ± .002] | 166310-2 | 167021-2 | AMPMODU MOD IV AND V CONTACTS | 114-25003 |
| | 0.20 - 0.56 [24-20] | SEE 114-25003 | | | 4.78-3.58 [.188-.141] | 0.78 ± 0.05 [.030 ± .002] | | | | |
| | 0.12 - 0.14 [26] | 1.22 MAX (.048 MAX) | | | 4.37-2.77 [.172-.109] | 0.69 ± 0.05 [.027 ± .002] | | | | |
| 2844540-1 | 0.05 - 0.15 [30-26] | 1.22 MAX [.048 MAX] | YES | YES | 3.96 ± 0.38 [.156 ± .015] | 0.686 ± 0.051 [.027 ± .0020] | 86015-[] \triangle 87045-[] | 85967-[] \triangle 86491-[] | AMPMODU MOD IV Rec. Contacts | 114-25003 |
| | 0.2 - 0.6 [24-20] | 1.75 MAX [.069 MAX] | | | 4.34 ± 0.38 [.171 ± .015] | 0.775 ± 0.051 [.0305 ± .0020] | 86016-[] 87309-[] | 85969-[] 87309-[] | | |

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

2. AMP, AMPMODU, and CERTI-CRIMP are trademarks.

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

\triangle PLACE WIRE IN THE BOTTOM OF THE WIRE BARREL FOR PROPER TERMINATIONS. SEE IS408-7497 FOR ADDITIONAL INFORMATION.

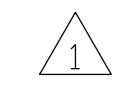
5. THE HAND TOOL INSTRUCTION SHEET, ALSO KNOWN AS AN "IS", FOR MOST CERTI-CRIMP II TOOLS USE IS 408-8547. IF THE TOOL HAS A FLIP LOCATOR USE IS 408-10414.

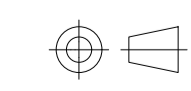
CERTI-CRIMP II DATA SHEET


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|---|-----|--|-----|-----------------------|---|-----|-------|---|-----|-------|---|-----|--------|---|-----|--------|---|--|---|-----|-------|---|-----|-------|---|-----|-------|---|-----|--------|---|-----|--------|---------------------------------|--|
| 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: 1583003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | SCALE: - SIZE: A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="font-size: small;"> <tr><td>0</td><td>PLC</td><td>± .05</td></tr> <tr><td>1</td><td>PLC</td><td>± .02</td></tr> <tr><td>2</td><td>PLC</td><td>± .01</td></tr> <tr><td>3</td><td>PLC</td><td>± .005</td></tr> <tr><td>4</td><td>PLC</td><td>± .002</td></tr> </table> | | 0 | PLC | ± .05 | 1 | PLC | ± .02 | 2 | PLC | ± .01 | 3 | PLC | ± .005 | 4 | PLC | ± .002 | <table border="1" style="font-size: small;"> <tr><td>0</td><td>PLC</td><td>± .05</td></tr> <tr><td>1</td><td>PLC</td><td>± .02</td></tr> <tr><td>2</td><td>PLC</td><td>± .01</td></tr> <tr><td>3</td><td>PLC</td><td>± .005</td></tr> <tr><td>4</td><td>PLC</td><td>± .002</td></tr> </table> | | 0 | PLC | ± .05 | 1 | PLC | ± .02 | 2 | PLC | ± .01 | 3 | PLC | ± .005 | 4 | PLC | ± .002 | SURFACE TEXTURE: $\sqrt{\quad}$ | |
| 0 | PLC | ± .05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± .02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± .01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± .005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± .002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | PLC | ± .05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PLC | ± .02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | PLC | ± .01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | PLC | ± .005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | PLC | ± .002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVISION RECORD: B7 REVISED 08/2020 AW SS | | DATE: 08/2020 DWN: AW APVD: SS | | SHEET: 1 of 2 REV: B7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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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 DESCRIPTION | APPLIC. SPECIF. |
|-------------|------------------------------------|------------------------------------|----------------|-----------------|------------------------------|------------------------------|--|---|---------------------|--------------------|
| | | | | | | | LOOSE PIECE | STRIP FORM | | |
| 2326267-1 | 0.08 [28] | 1.0 MAX [.039 MAX] | YES | YES | 2.75 ± 0.25 [.025 ± .010] | 0.64 ± 0.05 [.027 ± .002] | 2-2316113-3 3-2316113-4 4-2316113-5 5-2316113-6 | AMPMODU 2mm RECEPTACLE, CABLE TO BOARD | 114-32173 | |
| | 0.13 [26] | | | | | 0.69 ± 0.05 [.027 ± .002] | | | | |
| | 0.20 [24] | | | | | 0.74 ± 0.05 [.029 ± .002] | | | | |
| 2326270-1 | 0.05 [30] | 0.5 - 1.0 MAX [.020 - .039 MAX] | YES | YES | 2.75 ± 0.25 [.025 ± .010] | 0.53 ± 0.05 [.021 ± .002] | 2-2316114-3 3-2316114-4 4-2316114-5 5-2316114-6 | AMPMODU 2mm RECEPTACLE, CABLE TO BOARD | 114-32173 | |
| | 0.08 [28] | | | | | 0.55 ± 0.05 [.022 ± .002] | | | | |

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

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|--|-------------------------------------|------------------------------|---|
| DIM: M. YOUNGER CHK: B.A. WOLFE APVD: B.A. WOLFE NAME: B.A. WOLFE | 21FEB2012 22FEB2012 22FEB2012 | MATERIAL: - HEAT TREAT: - |  TE Connectivity |
| CERTI-CRIMP II TOOL DATA SHEET AMPMODU CONTACT FAMILY | | | |
| SCALE: - SIZE: A1 DRAWING NO: 1583003 | SHEET: 2 of 2 REV: B7 | | |