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

DWG NO 1583002

USED ON —

| TOOL NUMBER | WIRE SIZE mm² [AWG] | INSULATION DIAMETER mm [in.] | INSUL. ADJ. | FLIP LOCATOR | STRIP LENGTH mm [in.] | CRIMP HEIGHT mm [in.] | CONTACT PART NUMBERS ⚠1 LOOSE PIECE AND STRIP FORM | | LOOSE PIECE COLOR CODE | CONTACT DESCRIPTION | APPLIC. SPECIF. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | PIN | SOCKET | | | |
| 91503-1<br>91503-3 | 0.08 - 0.20<br>[28-24] | 0.76-1.02<br>[.030-.040] | YES | YES | 2.54 ± 0.25<br>[.100 ± .010] | 0.71 ± 0.05<br>[.028 ± .002] | 66507-[ ] | 66505-[ ] | BLUE | AMPLIMITE HD-20 Contacts | 114-10000 |
| | 0.2 - 0.6<br>[24-20] | 1.27-1.52<br>[.050-.060] | | | | 0.75 ± 0.05<br>[.0295 ± .0020] | 66506-[ ] | 66504-[ ] | RED | | |
| 91513-1<br>91513-3 | 0.32 - 0.60<br>[22-20] | 1.73<br>[.068 MAX] | NO | NO | 2.92 ± 0.25<br>[.115 ± .010] | 0.89 ± 0.05<br>[.035 ± .002] | 745229-[ ] | 745230-[ ] | GREEN | AMPLIMITE HD-20 Contacts (no insulation crimp) | 114-10000 |
| | 0.8 - 0.9<br>[18] | | | | | 1.18 ± 0.05<br>[.044 ± .002] | | | GREEN | | |
| 91520-1<br>91520-3 | 0.08- 0.15<br>[28-26] | 0.76-1.02<br>[.030-.040] | YES | NO | 4.06 ± 0.38<br>[.160 ± .015] | 0.69 ± 0.05<br>[.027 ± .002] | 748333-[ ] | 748610-[ ] | GREEN | AMPLIMITE HD-22 Contacts | 114-10001 |
| | 0.2 - 0.38<br>[24-22] | | | | | 0.79 ± 0.05<br>[.031 ± .002] | | | GREEN | | |
| 91525-1<br>91525-3 | 0.12 - 0.24<br>[26-24] | 1.27 MAX<br>[.050 MAX] | YES | NO | 2.54 ± 0.25<br>[.100 ± .010] | 0.76 ± 0.05<br>[.030 ± .002] | 745254-[ ] | 745253-[ ] | YELLOW | AMPLIMITE HD-20 Contacts | 114-10000 |
| | 0.32 - 0.38<br>[22] | | | | | 0.88 ± 0.05<br>[.0345 ± .0020] | | | YELLOW | | |
| 91548-1<br>91548-3 | 0.08 - 0.24<br>[28-24] | 1.73<br>[.068 MAX] | NO | NO | 2.92 ± 0.25<br>[.115 ± .010] | 0.71 ± 0.05<br>[.028 ± .002] | 205310-[ ] | 205311-[ ] | BLUE | AMPLIMITE HD-20 Contacts (no insulation crimp) | 114-10000 |
| | 0.2 - 0.6<br>[24-20] | | | | | 0.75 ± 0.05<br>[.0295 ± .0020] | 205202-[ ] | 205201-[ ] | RED | | |
| 91549-1<br>91549-3 | 0.08 - 0.24<br>[28-24] | 1.27-1.52<br>[.050-.060] | YES | NO | 2.54 ± 0.25<br>[.100 ± .010] | 0.71 ± 0.05<br>[.028 ± .002] | 66682-[ ] | 66683-[ ] | BLACK | AMPLIMITE HD-20 Contacts | 114-10000 |
| | 0.08 - 0.24<br>[28-24] | 0.76-1.02<br>[.030-.040] | | | | 0.71 ± 0.05<br>[.028 ± .002] | 66507-[ ] | 66505-[ ] | BLUE | | |


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⚠1 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, AMPLIMITE, and 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.


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LOC A
DIST 00

3308-8 (3/11)

| P | LTR | REVISION RECORD | DATE | DWN | APVD |
|---|---|---|---|---|---|
| A1 | | REVISED – NEW FORMAT | 2-2012 | MY | BAW |

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

DWN M. YOUNGER 21FEB2012
CHK B.A.WOLFE 22FEB2012
APVD B.A. WOLFE 22FEB2012
MATERIAL – –
HEAT TREAT – –

TE Connectivity

NAME CERTI-CRIMP II TOOL DATA SHEET AMPLIMITE CONTACT FAMILY
SCALE – SIZE A1 DRAWING NO 1583002 SHEET 1 OF 1 REV A1

# CERTI-CRIMP II DATA SHEET