

| TOOL NUMBER | WIRE SIZE mm ² [AWG] | INSULATION DIAMETER mm [in.] | STRIP LENGTH mm [in.] | CRIMP HEIGHT mm [in.] | CONTACT PART NUMBERS Δ | | | CONTACT DESCRIPTION (loose piece color code) | APPLICATION SPECIFICATION |
|-------------|------------------------------------|------------------------------------|-----------------------------|-----------------------------|---------------------------------|---------------------------------|-----------------------|---|------------------------------|
| | | | | | LOOSE PIECE | | STRIP FORM | | |
| 91505-1 | 0.2 - 0.6 [24-20] | 1.14 - 1.78 [.045-.070] | 4.36±0.39 [.172±.015] | 1.01±0.05 [.039±.002] | 66103-[] 66105-[] 66399-[] | 66102-[] 66104-[] 66331-[] | Type III+ (yellow) | 114-10004 | |
| 91505-3 | 0.8 - 1.4 [18-16] | 2.03 - 2.54 [.080-.100] | | | 66400-[] 163086-[] 163088-[] | 66332-[] 163085-[] 163087-[] | | | |
| 91515-1 | 0.05 - 0.38 [30-22] | 0.89-1.40 [.035-.055] | 3.50-4.75 [.140-.187] | 0.79±0.05 [.031±.002] | 66595-[] 66596-[] 170246-[] | 66579-[] 66580-[] | Type VI | 114-10007 | |
| 91515-3 | 0.2 - 0.6 [24-20] | | | | 1.14-1.78 [.045-.070] | 66589-[] 66590-[] | | | 66579-[] 66580-[] |
| 91519-1 | 0.8 - 1.4 [18-16] | 2.03-2.54 [.080-.100] | 3.96±0.38 [.156±.015] | 1.30±0.05 [.051±.002] | 66601-[] 66602-[] | 66598-[] 66597-[] | Type III+ | 114-10004 | |
| 91519-3 | 1.9 - 2.1 [14] | | | | 1.73±0.05 [.068±.002] | 66583-[] 66584-[] | | | 66579-[] 66580-[] |
| 91521-1 | 0.8 - 1.4 [18-16] | 2.79-3.81 [.110-.150] | 4.75±0.38 [.187±.015] | 1.30±0.05 [.051±.002] | 66400-[] 66399-[] | 66332-[] 66331-[] | Type III+ (yellow) | 114-10004 | |
| 91521-3 | 1.9 - 2.1 [14] | | | | 1.30±0.05 [.051±.002] | 66589-[] 66590-[] | | | 66579-[] 66580-[] |
| 91523-1 | 0.2 - 0.6 [24-20] | 2.03-2.54 [.080-.100] | 3.56-4.75 [.140-.187] | 0.99±0.05 [.039±.002] | 163082-[] 164164-[] 66101-[] | 163081-[] 164161-[] 66100-[] | Type III+ (blue) | 114-10004 | |
| 91523-3 | 0.8 - 1.4 [18-16] | | | | 1.30±0.05 [.051±.002] | 66589-[] 66590-[] | | | 66579-[] 66580-[] |
| 91542-1 | 0.2 - 0.6 [24-20] | 1.52-3.43 [.060-.135] | 3.96±0.38 [.156±.015] | 0.94±0.05 [.037±.002] | 66565-[] 66566-[] | 66563-[] 66564-[] | Type III+ (yellow) | 114-10004 | |
| 91542-3 | 0.8 - 1.4 [18-16] | | | | 1.30±0.05 [.051±.002] | 66587-[] 66588-[] | | | 66577-[] 66578-[] |
| 91550-1 | 0.8 - 1.4 [18-16] | 2.03-3.43 [.080-.135] | 4.75±0.38 [.187±.015] | 1.73±0.05 [.068±.002] | 66587-[] 66588-[] | 66577-[] 66578-[] | Type VI | 114-10007 | |
| 91550-3 | 1.9 - 2.1 [14] | | | | 1.30±0.05 [.051±.002] | 66587-[] 66588-[] | | | 66577-[] 66578-[] |

Δ LIST OF APPLIED CONTACT PART NUMBERS 2. AMP and CERTI-CRIMP are trademarks. 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.

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

| | | | | | |
|----------------|----------|--|----------|------------------|---------------------|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DATE: 27SEP2001 | |
| Ø | PLC ±.01 | Ø | PLC ±.01 | APPD | NAME |
| Ø | PLC ±.01 | Ø | PLC ±.01 | PRODUCT SPEC | |
| Ø | PLC ±.01 | Ø | PLC ±.01 | APPLICATION SPEC | |
| Ø | PLC ±.01 | Ø | PLC ±.01 | WEIGHT | SCALE |
| Ø | PLC ±.01 | Ø | PLC ±.01 | CUSTOMER DRAWING | SHEET 1 OF 2 REV A2 |

AMP 1471-B REV 0904194
Type Electronics Harrisburg, PA 17105-3608
CERTI-CRIMP II TOOL DATA SHEET MULTIMATE CONTACT FAMILY OPEN BARREL
SIZE: A2 CASE CODE: 00779 DRAWING NO: 1583004

| TOOL NUMBER | WIRE SIZE mm ² [AWG] | INSULATION DIAMETER mm [in.] | STRIP LENGTH mm [in.] | CRIMP HEIGHT mm [in.] | CONTACT PART NUMBERS | | CONTACT DESCRIPTION (loose piece color code) | APPLICATION SPECIFICATION |
|--------------------|------------------------------------|------------------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|---|------------------------------|
| | | | | | LOOSE PIECE | STRIP FORM | | |
| 91564-1 91564-3 | 0.20-0.56 [24-20] | 1.02-2.03 [.040-.080] | 3.55-4.75 [.140-.187] | 1.00±0.05 [.039±.002] | 66103-[] 66593-[] 66596-[] | 66102-[] 66583-[] 66586-[] | Type III+ (yellow) (red) | 114-10004 |
| | 0.05-0.15 [30-28] | 1.02-1.52 [.040-.060] | | | 66105-[] 170246-[] 66594-[] | 66104-[] 170245-[] 66584-[] | | |
| | 0.12-0.22 [26-24] | 0.89-1.40 [.035-.055] | | | 66429-[] 170248-[] | 66425-[] 170247-[] | | |
| 1901906-1 | 0.20-0.60 [24-20] | 2.03-2.54 [.080-.100] | 4.34-3.58 [.171-.141] | 0.79±0.04 [.031±.002] | 66107-[] 66237-[] 170252-[] | 66106-[] 170249-[] | PIN & SOCKET TERMINALS (BROWN) | 114-10004 |
| 1901906-3 | 0.05-0.15 [30-26] | 0.36-0.76 [.014-.030] | | | 0.99±0.05 [.039±.002] | 66109-[] 170250-[] | | |
| | | | | 0.97±0.05 [.038±.002] | 66393-[] 66394-[] | 66406-[] 66405-[] | | |
| | | | | | 66418-[] 66419-[] | 66422-[] 66423-[] | | |

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

| | | | | | | | | | | | |
|-------------|--|---|--|-----------------|--|---------------------|--|----------|--|---------------------|--|
| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | DATE: 27SEP2001 | | DRAWN BY: COLLEGE | | APPD: - | | NAME: - | |
| mm | | 0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1 | | PRODUCT SPEC: - | | APPLICATION SPEC: - | | SIZE: A2 | | CASE CODE: 00779 | |
| MATERIAL: - | | FINISH: - | | WEIGHT: - | | CUSTOMER DRAWING | | SCALE: - | | SHEET 2 OF 2 REV A2 | |

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AMP
Tyco Electronics
Harrisburg, PA 17105-3608

CERTI-CRIMP II TOOL DATA SHEET
MULTIMATE CONTACT FAMILY
OPEN BARREL

DRAWING NO: 1583004