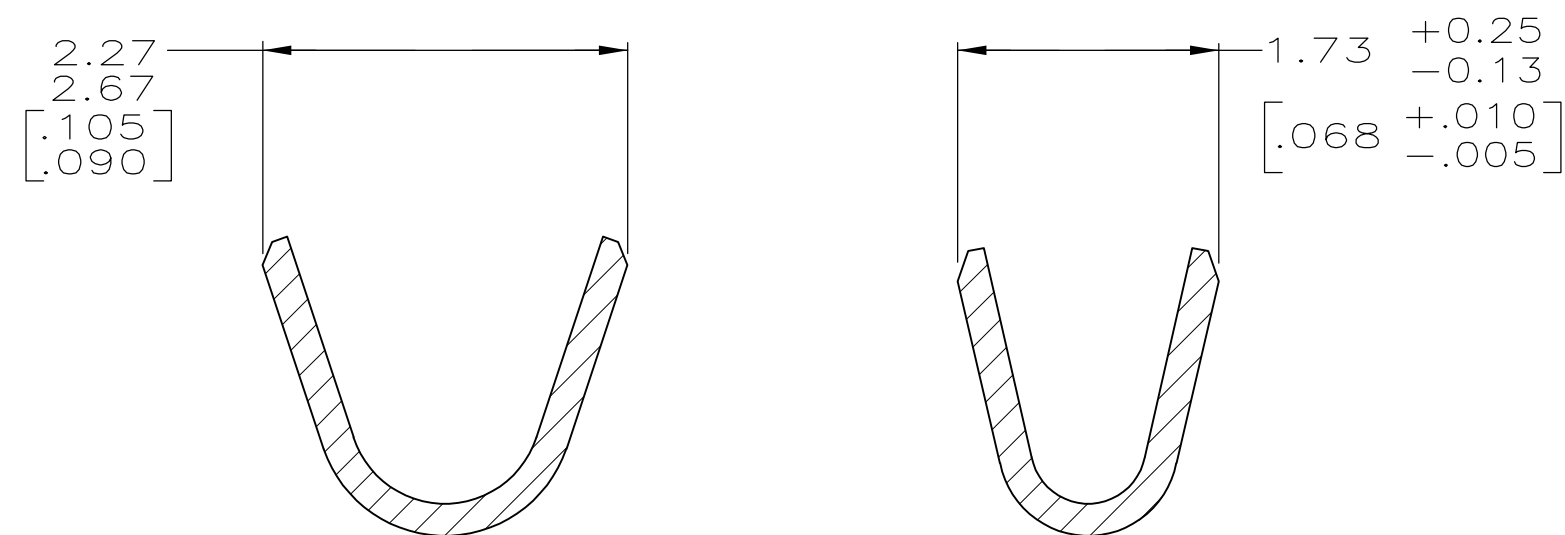
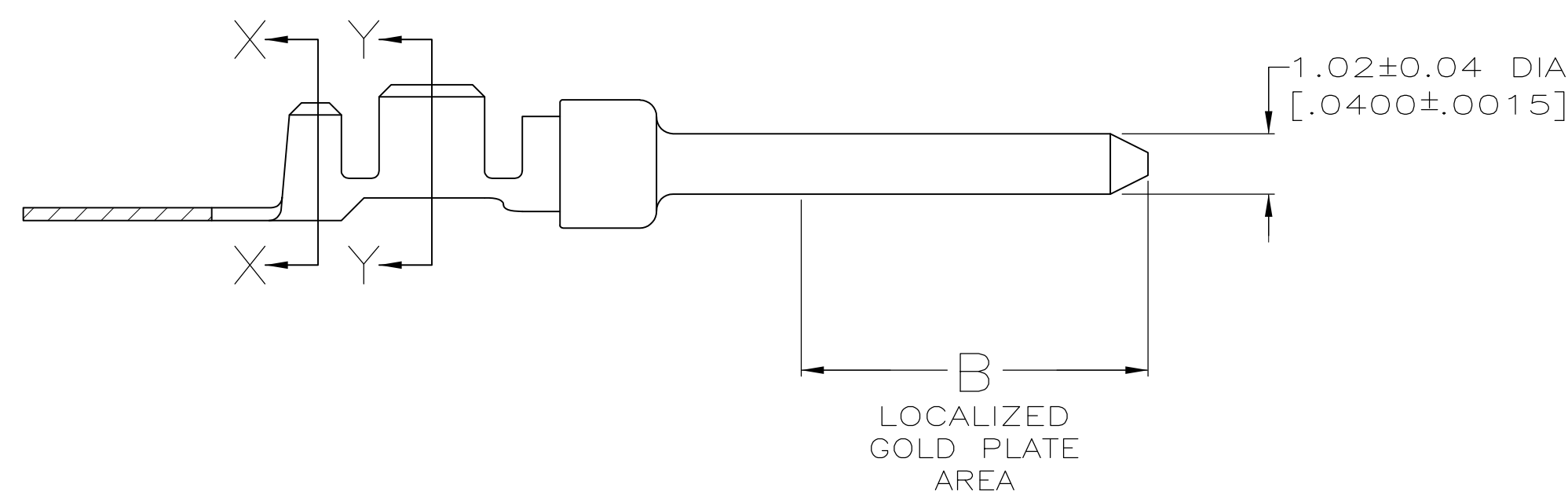
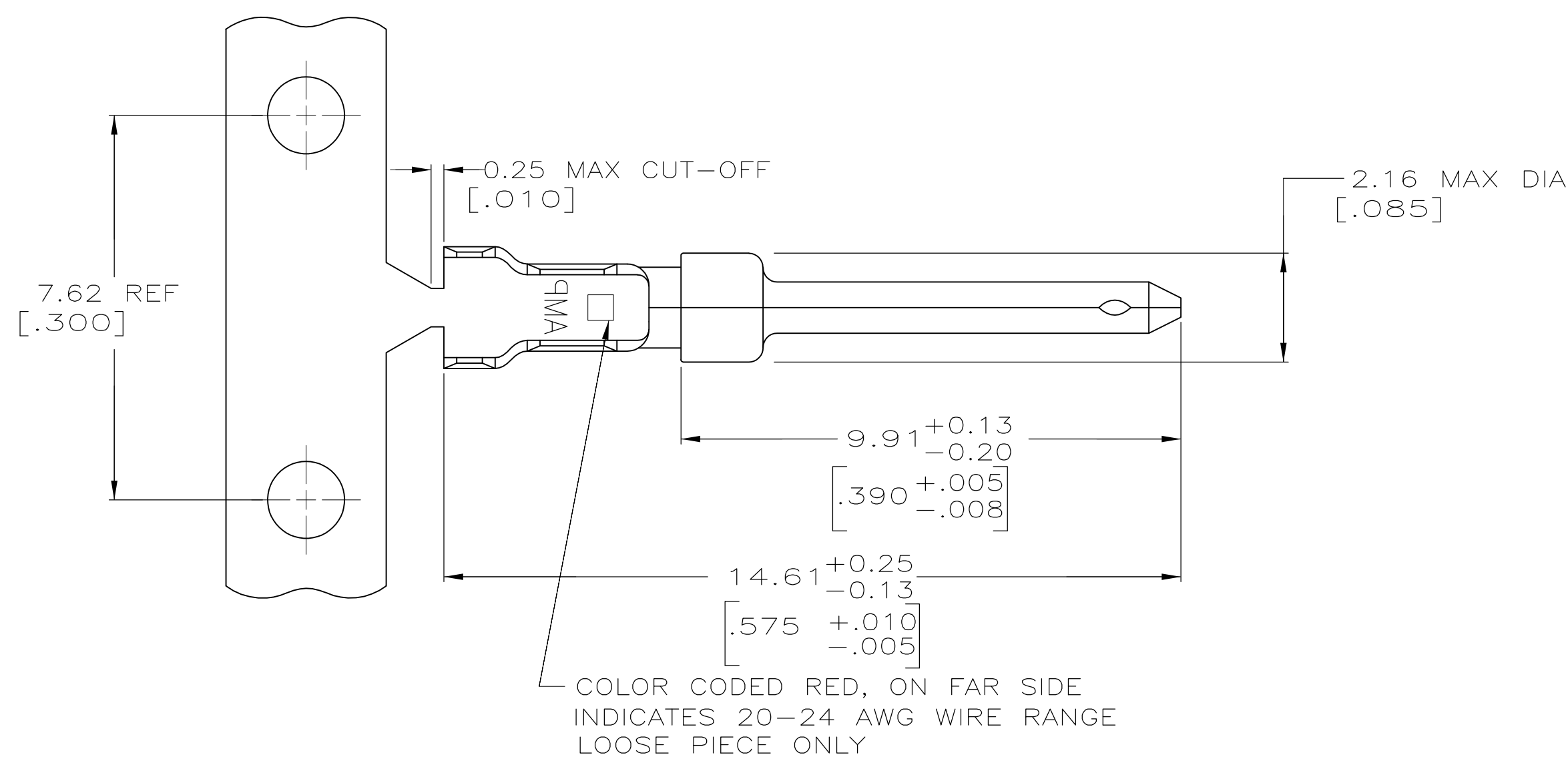


| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| GP  | 00   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | AR1 | REVISED PER ECO-11-004835 | 11MAR11 | RK  | HMR  |



SECTION X-X  
INSULATION BARREL  
SCALE 20:1

SECTION Y-Y  
WIRE BARREL  
SCALE 20:1

1. FOR MINI-APPLICATOR AND STRIPPER CRIMPER.
2. FOR HAND TOOL USE ONLY.
3. FOR STANDARD APPLICATOR PART #566171 ONLY.
4. WIRE RANGE OF 20-24 AWG. INSULATION RANGE OF 1.27/1.52 [.050-.063]
5. GOLD PLATING MAY NOT APPEAR ON CARRIER STRIP.
6. GOLD PLATING PER MIL-C-45204.  
NICKEL PLATING PER QQ-N-290.  
TIN PLATING PER MIL-T-10727.  
COPPER PLATING PER MIL-C-14550.
7. PLATED, 1.27 $\mu$ m [.000050] MIN GOLD OVER  
1.27 $\mu$ m [.000050] MIN NICKEL.
8. GOLD PLATED IN LOCALIZED GOLD PLATE AREA AS FOLLOWS:  
0.76 $\mu$ m [.000030] MIN GOLD IN MATED AREA,  
GOLD FLASH ON REMAINDER OF CONTACT, ALL OVER  
1.27 $\mu$ m [.000050] MIN NICKEL UNDERPLATE.  
OR  
GOLD FLASH OVER  
PALLADIUM-NICKEL PLATE, 0.76 $\mu$ m [.000030] MIN TOTAL IN MATED AREA,  
GOLD FLASH ON REMAINDER OF CONTACT, ALL OVER  
1.27 $\mu$ m [.000050] MIN NICKEL UNDERPLATE.
9. PLATED WITH GOLD FLASH OVER  
0.76 $\mu$ m [.000030] MIN NICKEL.
10. PLATED WITH 2.54 $\mu$ m - 5.08 $\mu$ m [.000100 - .000200] TIN.
11. GOLD PLATED IN LOCALIZED GOLD PLATED AREA,  
0.76 $\mu$ m [.000030] GOLD IN MATED AREA,  
TIN PLATED WIRE BARRELS, OVER  
1.27 $\mu$ m [.000050] NICKEL.
12. PLATED WITH GOLD FLASH IN LOCALIZED GOLD PLATE AREA,  
TIN PLATED WIRE BARRELS, OVER  
0.76 $\mu$ m [.000030] NICKEL.
13. GOLD PLATED IN LOCALIZED GOLD PLATE AREA,  
0.38 $\mu$ m [.000015] GOLD IN MATED AREA,  
GOLD FLASH ON REMAINDER, OVER  
1.27 $\mu$ m [.000050] NICKEL.
14. AMP ITALY PART NUMBER ONLY.
15. GOLD PLATED IN LOCALIZED GOLD PLATE AREA,  
1.27 $\mu$ m [.000050] GOLD IN MATED AREA,  
GOLD FLASH ON REMAINDER, OVER  
1.27 $\mu$ m [.000050] NICKEL.
16. GOLD PLATED IN LOCALIZED GOLD PLATE AREA,  
0.03 $\mu$ m [.000001] GOLD IN MATED AREA,  
0.76 $\mu$ m [.000030] MIN TIN PLATED WIRE BARRELS, ALL OVER  
0.76 $\mu$ m [.000030] MIN NICKEL.
17. GOLD FLASH IN LOCALIZED GOLD PLATE AREA,  
2.54 $\mu$ m [.000100] MIN TIN OR TIN-LEAD PLATED WIRE BARRELS, ALL OVER  
0.76 $\mu$ m [.000030] MIN NICKEL.

|                         |                |            |             |                                                                                       |                                                                                       |             |           |
|-------------------------|----------------|------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|-----------|
| SUPERSEDED BY 2-66506-5 |                | STANDARD   | 5.84 [.230] |  |  | STRIP       | 6-66506-4 |
|                         | OBSELETE       | STANDARD   | 3.94 [.155] |  |  | STRIP       | 6-66506-3 |
|                         | OBSELETE       | STANDARD   | 3.94 [.155] |  |  | STRIP       | 6-66506-2 |
|                         |                | SMALL PACK | 3.94 [.155] |  |  | LOOSE PIECE | 6-66506-1 |
|                         | OBSELETE       | STANDARD   | 3.94 [.155] |  |  | STRIP       | 6-66506-0 |
|                         | OBSELETE       | STANDARD   | 3.94 [.155] |  |  | LOOSE PIECE | 5-66506-9 |
|                         | OBSELETE       | STANDARD   | 3.94 [.155] |  |  | LOOSE PIECE | 5-66506-7 |
|                         | OBSELETE       | STANDARD   | 3.94 [.155] |  |  | STRIP       | 2-66506-5 |
|                         | OBSELETE       | STANDARD   | 3.94 [.155] |  |  | STRIP       | 2-66506-4 |
|                         | OBSELETE       | STANDARD   | -           |  |  | STRIP       | 1-66506-4 |
|                         | OBSELETE       | STANDARD   | -           |  |  | STRIP       | 1-66506-1 |
|                         |                | STANDARD   | -           |  |  | LOOSE PIECE | 1-66506-0 |
|                         |                | STANDARD   | 3.94 [.155] |  |  | LOOSE PIECE | 66506-9   |
|                         |                | STANDARD   | -           |  |  | LOOSE PIECE | 66506-8   |
|                         |                | STANDARD   | -           |  |  | STRIP       | 66506-4   |
|                         |                | STANDARD   | 3.94 [.155] |  |  | STRIP       | 66506-3   |
|                         |                | STANDARD   | -           |  |  | STRIP       | 66506-2   |
|                         | PACKAGING TYPE | B          | FINISH      | USE                                                                                   | TYPE                                                                                  | PART NUMBER |           |

|                                                                                        |  |                                                                                                 |  |                                                                                                       |                          |
|----------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                 |  | DWN 9-9-06<br>S. WELDON<br>QKR 9-9-06<br>C. RICHARD<br>APPR 9-10-06<br>V. KUMAR                 |  |  TE Connectivity |                          |
| DIMENSIONS:<br>mm [INCHES]                                                             |  | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED:                                                      |  | NAME                                                                                                  |                          |
| 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± 0.13 [0.005]<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± — |  | PRODUCT SPEC<br>APPLICATION SPEC<br>114-10000                                                   |  | PIN CONTACT, SIZE 20 DF,<br>20-24 AWG, AMPLIMITE<br>—                                                 |                          |
| MATERIAL<br>BRASS                                                                      |  | FINISH<br> |  | SIZE<br>A1                                                                                            | CAGE CODE<br>00779       |
|                                                                                        |  | WEIGHT<br>—                                                                                     |  | DRAWING NO<br>C=66506                                                                                 | RESTRICTED TO<br>—       |
|                                                                                        |  | CUSTOMER DRAWING                                                                                |  | SCALE<br>10:1                                                                                         | SHEET 1 OF 1<br>REV. AR1 |