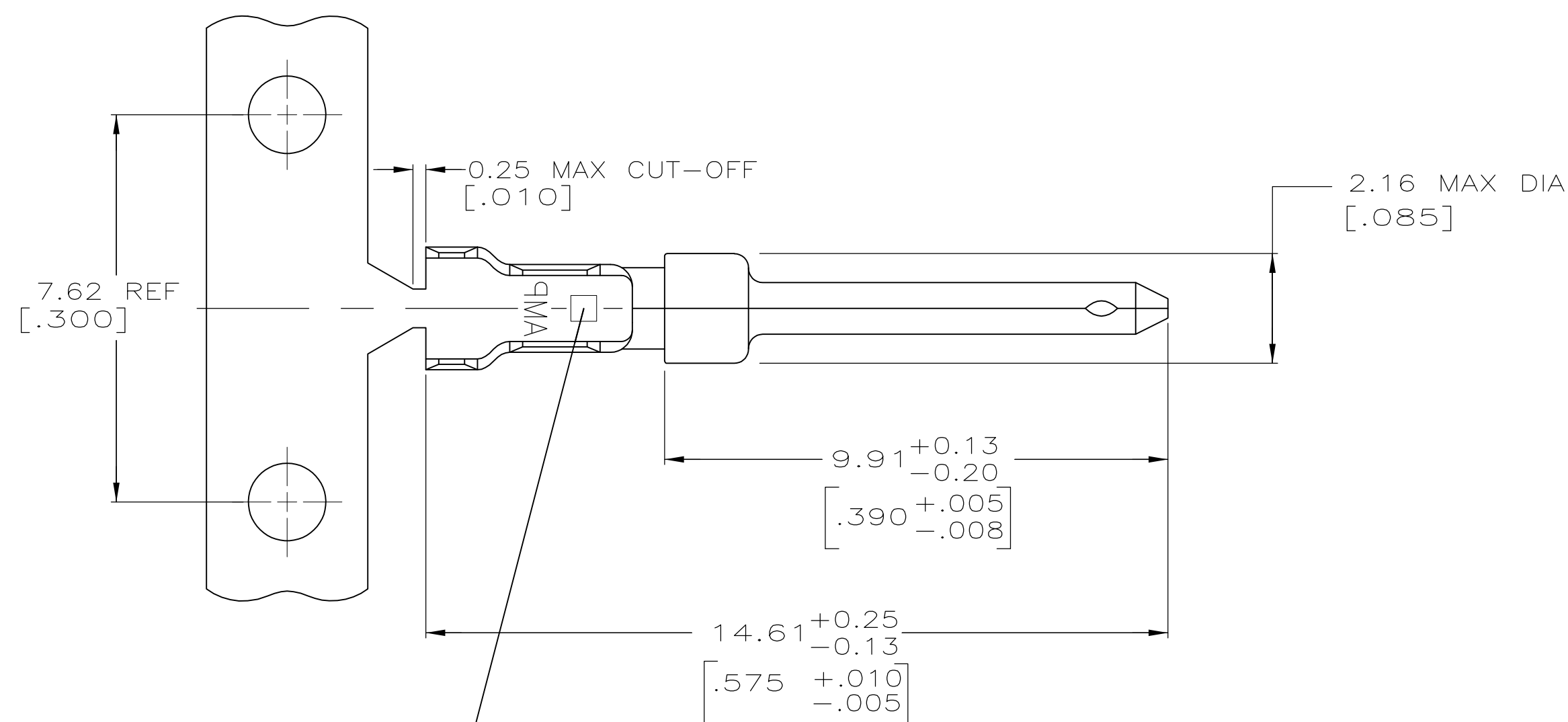
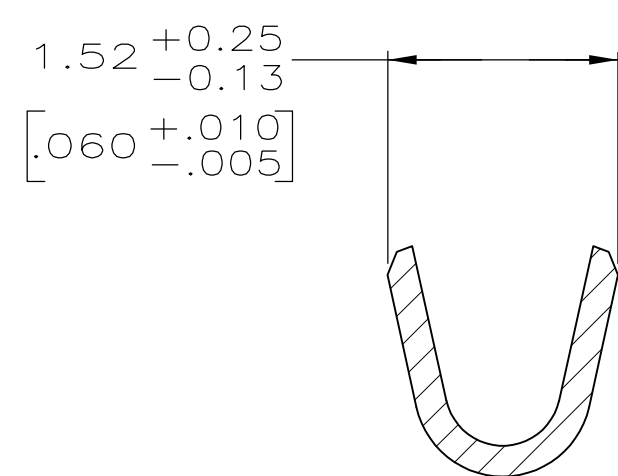
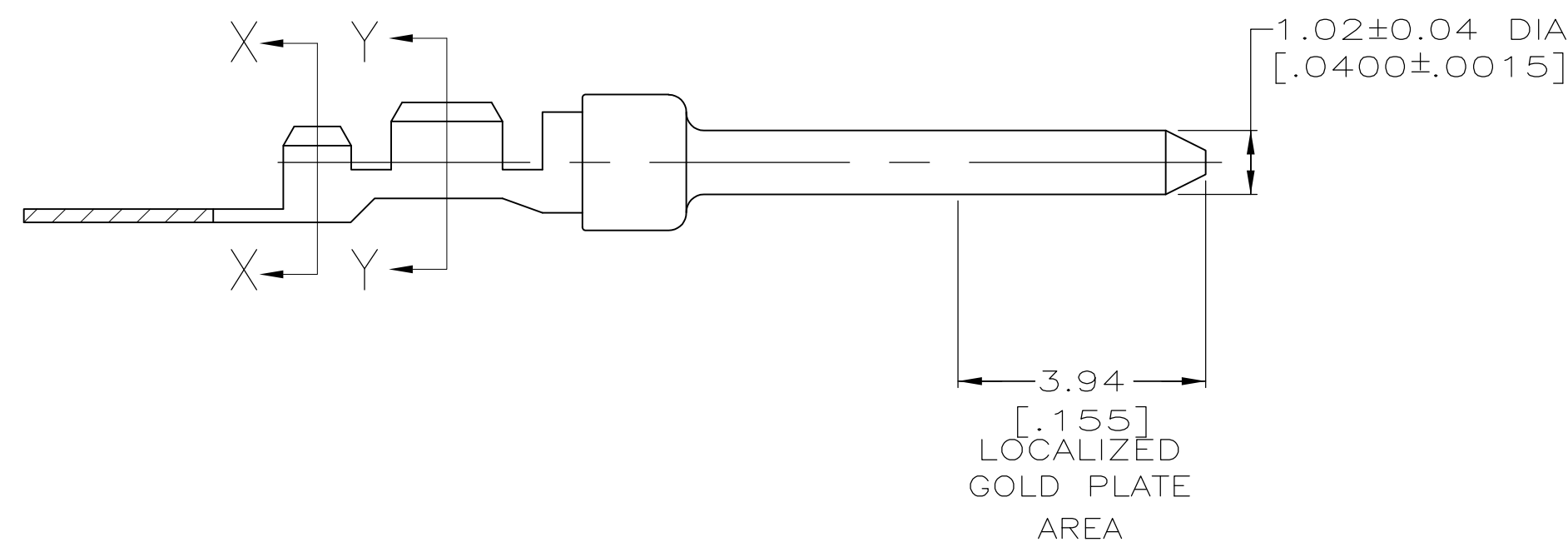
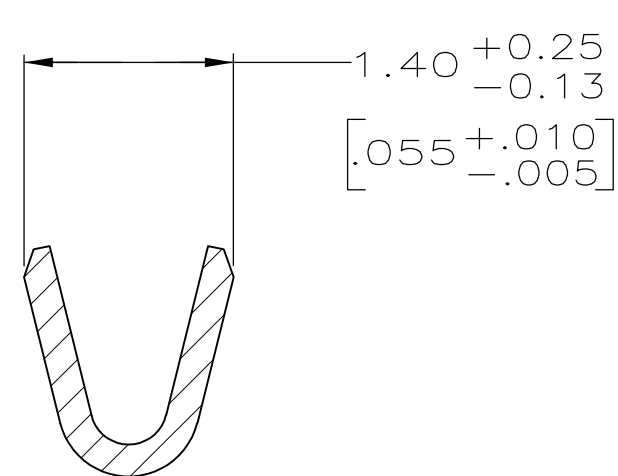




COLOR CODED BLUE, ON FAR SIDE  
INDICATES 24-28 AWG WIRE RANGE  
LOOSE PIECE ONLY



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 #566184 ONLY.
4. WIRE RANGE OF 24-28, INSULATION RANGE OF .030-.040.
5. GOLD PLATING MAY NOT APPEAR ON CARRIER STRIP.
6. GOLD PLATING PER MIL-G-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] GOLD OVER 1.27 $\mu$ m [.000050] 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  
0.76 $\mu$ m [.000030] MIN PALLADIUM-NICKEL 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] NICKEL.
10. PLATED WITH 2.54 $\mu$ m-5.08 $\mu$ m [.000100-.000200] TIN.
11. PLATED WITH 1.27 $\mu$ m [.000050] GOLD IN LOCALIZED GOLD PLATE AREA,  
GOLD FLASH ON REMAINDER, OVER 1.27 $\mu$ m [.000050] NICKEL.
12. 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.
13. PLATED WITH GOLD FLASH IN LOCALIZED GOLD PLATE AREA,  
TIN PLATED WIRE BARRELS, OVER 0.76m [.000030] NICKEL.
14. GOLD PLATED IN LOCALIZED GOLD PLATED AREA, 0.38 $\mu$ m [.000015] GOLD IN MATED AREA,  
GOLD FLASH ON REMAINDER, OVER 1.27 $\mu$ m [.000050] NICKEL.
15. AMP ITALY PART NUMBER ONLY.
16. GOLD PLATED IN LOCALIZED GOLD PLATED AREA, 0.03 $\mu$ m [.000001] GOLD IN MATED AREA,  
0.76 $\mu$ m [.000030] MIN TIN OR TIN-LEAD ON WIRE BARRELS, ALL OVER  
0.76 $\mu$ m [.000030] MIN NICKEL.

|            |                |                                                                                       |                                                                                       |             |             |
|------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|-------------|
| OBsolete   | STANDARD       |  |  | STRIP       | 6-66507-3   |
| OBsolete   | STANDARD       |  |  | STRIP       | 6-66507-2   |
| OBsolete   | STANDARD       |  |  | LOOSE PIECE | 5-66507-9   |
| OBsolete   | STANDARD       |  |  | LOOSE PIECE | 5-66507-7   |
| OBsolete   | STANDARD       |  |  | STRIP       | 3-66507-1   |
| OBsolete   | STANDARD       |  |  | STRIP       | 3-66507-0   |
|            | STANDARD       |  |  | STRIP       | 2-66507-8   |
|            | STANDARD       |  |  | STRIP       | 2-66507-7   |
|            | OBsolete       | STANDARD                                                                              |  | STRIP       | 1-66507-4   |
| BY 66507-9 | STANDARD       |  |  | LOOSE PIECE | 1-66507-0   |
|            | STANDARD       |  |  | LOOSE PIECE | 66507-9     |
|            | STANDARD       |  |  | LOOSE PIECE | 66507-8     |
|            | STANDARD       |  |  | STRIP       | 66507-4     |
|            | STANDARD       |  |  | STRIP       | 66507-3     |
|            | STANDARD       |  |  | STRIP       | 66507-2     |
|            | PACKAGING TYPE | FINISH                                                                                | USE                                                                                   | TYPE        | PART NUMBER |

|                                                                                       |  |                                                                                                                                      |  |                                                                                                                                                 |  |
|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN 9-9-86<br>C. WELDON<br>CHK 9-9-86<br>C. RICHARD<br>APD 9-10-86<br>V. KUMAR<br>PRODUCT SPEC<br>—<br>APPLICATION SPEC<br>114-10000 |  |  Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± —<br>1 PLC ± —<br>2 PLC ± 0.13 [0.05]<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± —      |  | NAME<br>PIN CONTACT, SIZE 20 DF,<br>24-28 AWG, AMPLIMITE                                                                                        |  |
|  |  | WEIGHT<br>—                                                                                                                          |  | SIZE<br>A1                                                                                                                                      |  |
| MATERIAL<br>BRASS                                                                     |  | FINISH<br>                                      |  | DRAWING NO<br>00779 C-66507                                                                                                                     |  |
|                                                                                       |  | CUSTOMER DRAWING                                                                                                                     |  | SCALE<br>10:1                                                                                                                                   |  |
|                                                                                       |  |                                                                                                                                      |  | SHEET 1 OF 1                                                                                                                                    |  |
|                                                                                       |  |                                                                                                                                      |  | REV A                                                                                                                                           |  |