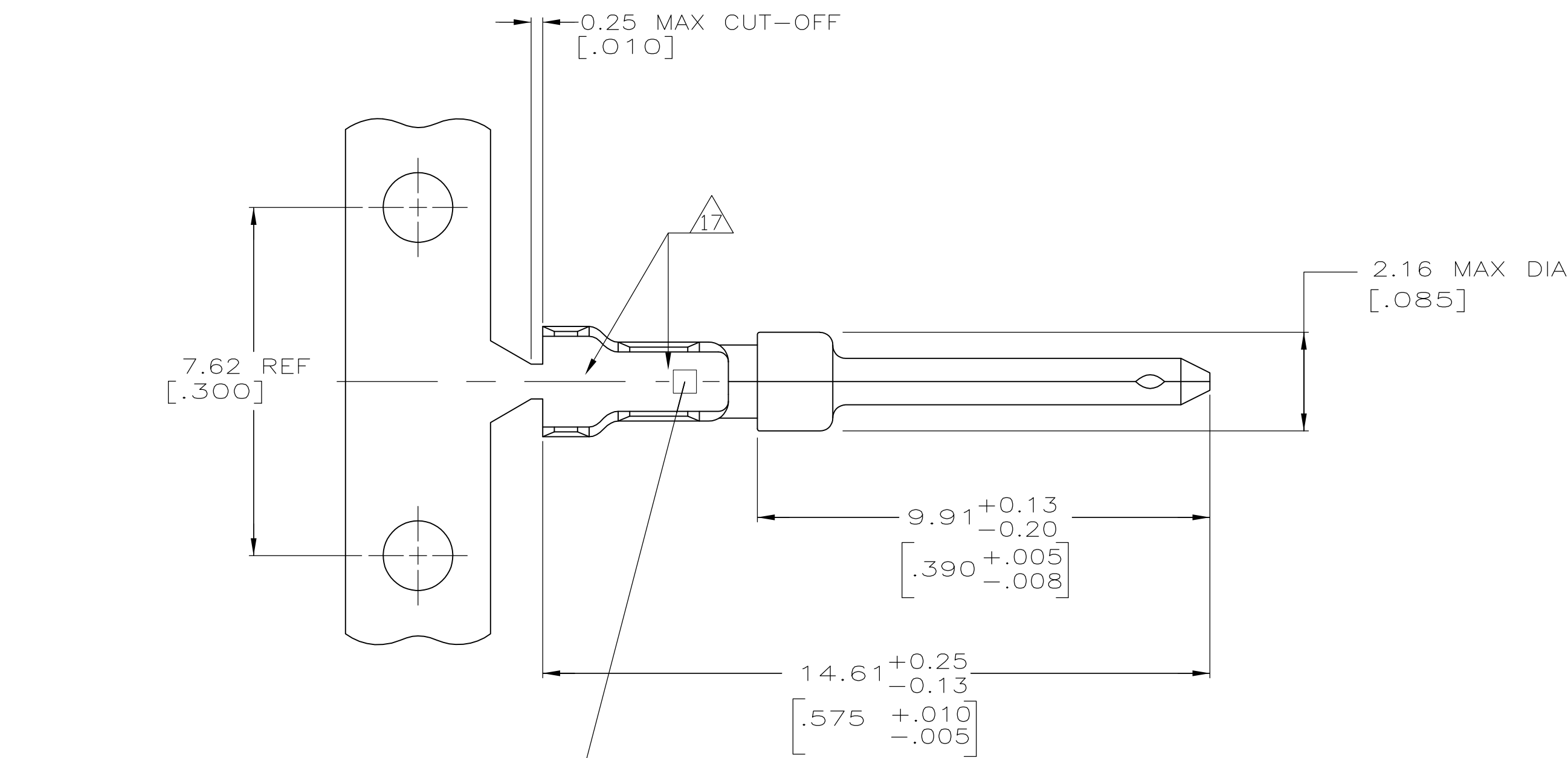
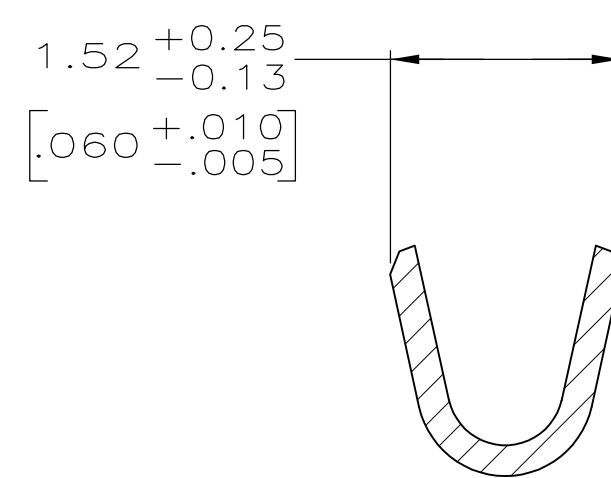
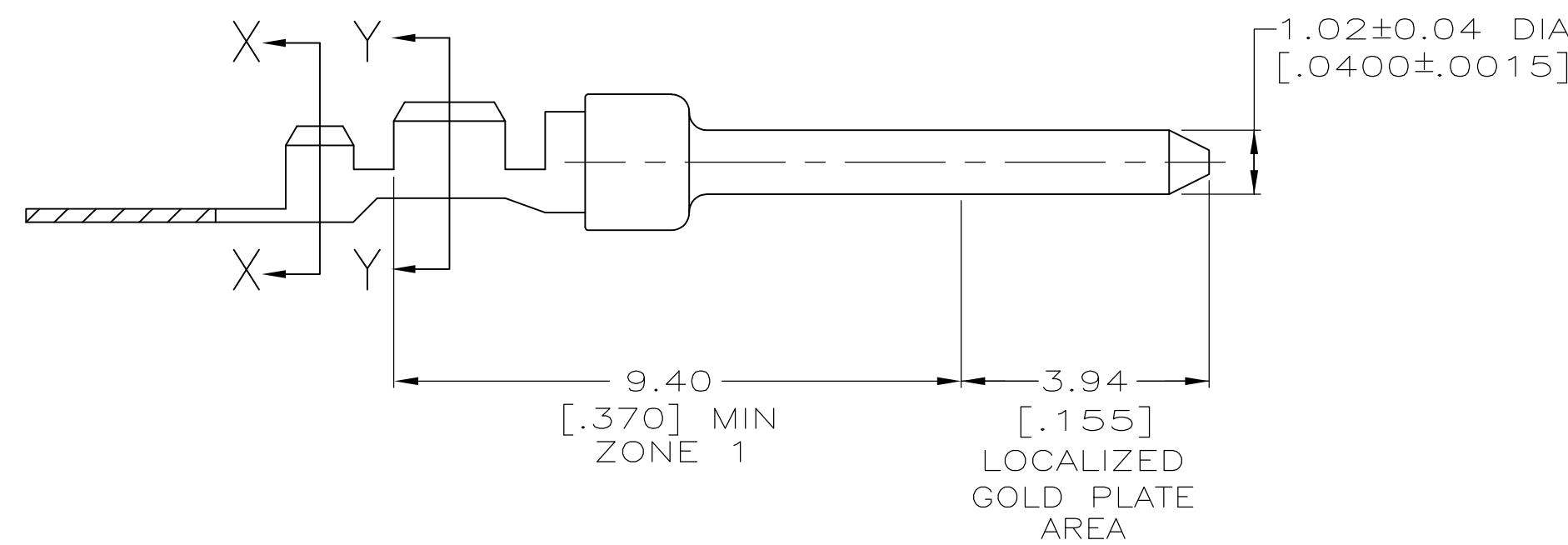


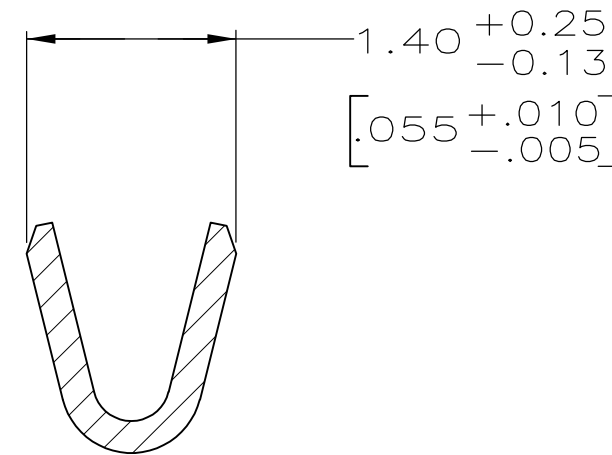
|     |      |           |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| LOC | DIST | REVISIONS |     |                           |           |     |      |
| GP  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APYD |
|     |      |           | AU  | REVISED PER ECO-12-021696 | 28FEB2013 | CJV | CWR  |



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



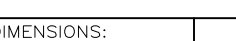
SECTION X-X  
INSULATION BARREL  
SCALE 20:1



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. NICKEL UNDERPLATE COVERS ENTIRE CONTACT.
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,  $1.27\mu\text{m}$  [.000050] MIN GOLD ON LOCALIZED GOLD PLATE AREA AND ZONE 1 OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL.
8. GOLD PLATED IN LOCALIZED GOLD PLATE AREA AS FOLLOWS:  
 $0.76\mu\text{m}$  [.000030] MIN GOLD IN MATED AREA, GOLD FLASH ON REMAINDER OF LOCALIZED GOLD PLATE AREA AND ZONE 1 OF CONTACT, ALL OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL UNDERPLATE.  
OR  
GOLD FLASH OVER PALLADIUM-NICKEL PLATE,  $0.76\mu\text{m}$  [.000030] MIN TOTAL IN MATED AREA, GOLD FLASH ON REMAINDER OF LOCALIZED GOLD PLATE AREA AND ZONE 1 OF CONTACT, ALL OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL UNDERPLATE.
9. PLATED WITH GOLD FLASH ON LOCALIZED GOLD PLATE AREA AND ZONE 1 OVER  $0.76\mu\text{m}$  [.000030] MIN NICKEL.
10. PLATED WITH  $2.54\mu\text{m}$ - $5.08\mu\text{m}$  [.000100-.000200] TIN.
11. PLATED WITH  $1.27\mu\text{m}$  [.000050] MIN GOLD IN LOCALIZED GOLD PLATE AREA, GOLD FLASH ON ZONE 1, OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL.
12. GOLD PLATED IN LOCALIZED GOLD PLATED AREA,  
 $0.76\mu\text{m}$  [.000030] GOLD IN MATED AREA,  
TIN PLATED WIRE BARRELS, OVER  
 $1.27\mu\text{m}$  [.000050] NICKEL.
13. PLATED WITH GOLD FLASH IN LOCALIZED GOLD PLATE AREA,  
TIN PLATED WIRE BARRELS, OVER  
 $0.76\mu\text{m}$  [.000030] NICKEL.
14. GOLD PLATED IN LOCALIZED GOLD PLATED AREA,  
 $0.38\mu\text{m}$  [.000015] GOLD IN MATED AREA,  
GOLD FLASH ON REMAINDER, OVER  
 $1.27\mu\text{m}$  [.000050] NICKEL.
15. AMP ITALY PART NUMBER ONLY.
16. GOLD PLATED IN LOCALIZED GOLD PLATED AREA,  
 $0.03\mu\text{m}$  [.000001] GOLD IN MATED AREA,  
 $0.76\mu\text{m}$  [.000030] MIN TIN OR TIN-LEAD ON WIRE BARRELS, ALL OVER  
 $0.76\mu\text{m}$  [.000030] MIN NICKEL.
17. COMPANY LOGO ON BOTTOM OF EITHER WIRE OR INSULATION BARRELS.

|            |                |                                                                                       |                                                                                       |             |             |
|------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|-------------|
| 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   |
| OBSOLETE   | STANDARD       |  |  | STRIP       | 2-66507-8   |
|            | STANDARD       |  |  | STRIP       | 2-66507-7   |
|            | STANDARD       |  |  | STRIP       | 1-66507-4   |
|            | STANDARD       |  |  | LOOSE PIECE | 1-66507-0   |
| BY 66507-9 | 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.<br>DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009 |  | DWG. S. WELDON 9-9-86<br>CHK C. RICHARD 9-9-86                                                                                  |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm [INCHES]                                                                  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.13 [.005]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |  |                                                                                                       |  |
|        |  | NAME<br>APVD V. KUMAR 9-10-86<br>PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>114-10000                                             |  | PIN CONTACT, SIZE 20 DF,<br>24-28 AWG, AMPLIMITE                                                      |  |
| MATERIAL<br>BRASS                                                                           |  | FINISH<br>                                 |  | RESTRICTED TO<br>-                                                                                    |  |
|                                                                                             |  | WEIGHT<br>-                                                                                                                     |  | SIZE A1<br>CAGE CODE 00779<br>DRAWING NO. C-66507                                                     |  |
| CUSTOMER DRAWING                                                                            |  | SCALE 10:1                                                                                                                      |  | SHEET 1 OF 1 REV AU                                                                                   |  |

# Mouser Electronics

Authorized Distributor

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