

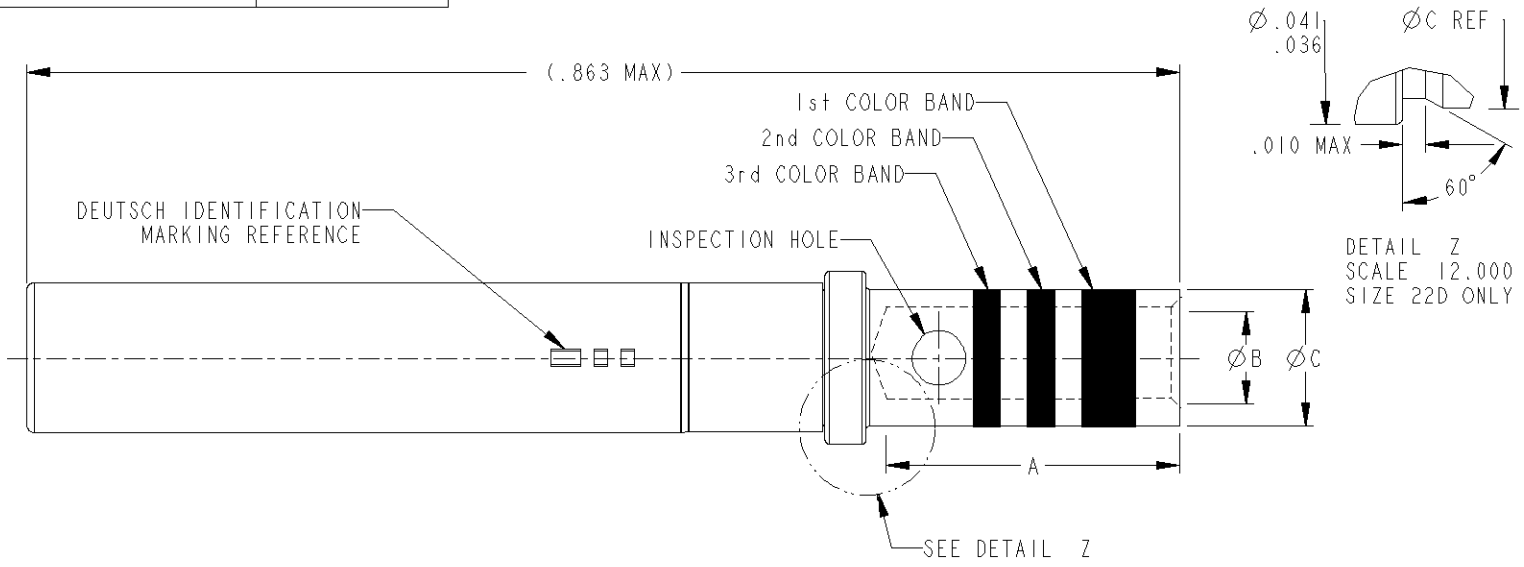
| PART NUMBER                                 | PLATING SOCKET BODY                              | PLATING HOOD |
|---------------------------------------------|--------------------------------------------------|--------------|
| 38943-22/38943-20/<br>38943-16/38943-12     | .000050 MIN. GOLD<br>PER MIL-G-45204 OVER NICKEL | PASSIVATED   |
| 38943-22L/38943-20L/<br>38943-16L/38943-12L | SELECTIVE PLATING<br>PER SAE-AS39029             | PASSIVATED   |

CI

C

38943-\*

| REVISIONS |                        |        |          |
|-----------|------------------------|--------|----------|
| REV       | DESCRIPTION            | DATE   | APPROVED |
| B         | REVISED PER E.O. C2942 | 971020 | BJH      |
| C         | REVISED PER E.O. C8286 | 110708 | J.P.F.   |
|           |                        |        |          |



| DEUTSCH<br>PART NO.<br>* * | MILITARY<br>PART NO. | COLOR BANDS |        |        | SIZE | WIRE GAGE<br>RANGE | RECOMMENDED<br>STRIP LENGTH | CRIMP TOOL                                |                                           | A<br>MIN. | B<br>MIN. | C<br>MAX. |
|----------------------------|----------------------|-------------|--------|--------|------|--------------------|-----------------------------|-------------------------------------------|-------------------------------------------|-----------|-----------|-----------|
|                            |                      | 1ST         | 2ND    | 3RD    |      |                    |                             | MS                                        | POSITIONER                                |           |           |           |
| 38943-22<br>38943-22L      | MIL-C-39029/56-348   | ORANGE      | YELLOW | GRAY   | 22D  | 22,24,26,28        | .160 TO .190                | M22520/2-01<br>M22520/7-01                | M22520/2-07<br>M22520/7-05                | .141      | .0335     | .048      |
| 38943-20<br>38943-20L      | MIL-C-39029/56-351   | ORANGE      | GREEN  | BROWN  | 20   | 20,22,24           | .230 TO .260                | M22520/1-01<br>M22520/2-01<br>M22520/7-01 | M22520/1-04<br>M22520/2-10<br>M22520/7-08 | .209      | .046      | .070      |
| 38943-16<br>38943-16L      | MIL-C-39029/56-352   | ORANGE      | GREEN  | RED    | 16   | 16,18,20           | .230 TO .260                | M22520/1-01<br>M22520/7-01                | M22520/1-04<br>M22520/7-04                | .209      | .066      | .103      |
| 38943-12<br>38943-12L      | MIL-C-39029/56-353   | ORANGE      | GREEN  | ORANGE | 12   | 12 AND 14          | .230 TO .260                | M22520/1-01                               | M22520/1-04                               | .209      | .098      | .151      |

PROPERTY OF DEUTSCH E.C.D.  
THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT SHALL NOT BE DISCLOSED, DUPLICATED,  
NOR USED IN WHOLE OR IN PART FOR ANY PUPOSE OTHER THAN TO EVALUATE THIS DRAWING

3. MATERIAL: SOCKET BODY - COPPER ALLOY  
SOCKET HOOD - STAINLESS STEEL
2. FINISH: SEE TABLE (C2)
1. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

|                                                                                                                                                            |  |                  |                    |                              |      |                                                                                               |     |                                      |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--------------------|------------------------------|------|-----------------------------------------------------------------------------------------------|-----|--------------------------------------|----|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES<br>DECIMALS XXX ±.005<br>ANGLES ±0° 30' 0"<br>T.I.R. .010<br>PARTS TO HAVE NO BURRS OR SHARP EDGES |  | SIGNATURE & DATE |                    | CONTACT, SOCKET              |      | CP                                                                                            | --- | MATL<br>CODE                         | 61 |
| MATERIAL                                                                                                                                                   |  | DR               | D. WHITACRE 820816 | CRIMP TYPE<br>SAE-AS39029/56 |      | <b>DEUTSCH</b><br>ENGINEERED CONNECTING DEVICES<br>250 EDDIE JONES WAY<br>OCEANSIDE, CA 92058 |     |                                      |    |
|                                                                                                                                                            |  | CHK              | TIM HOLT 820819    |                              |      |                                                                                               |     |                                      |    |
|                                                                                                                                                            |  | PE               | J. GILLS 820818    |                              |      |                                                                                               |     |                                      |    |
|                                                                                                                                                            |  | APPD             | A.R. 110708        |                              |      |                                                                                               |     |                                      |    |
| FINISH                                                                                                                                                     |  | SCALE            | 7.000              | WT                           | NONE | <b>A</b><br>DWS<br>SIZE                                                                       |     | 38943-***<br>CODE 11139 SHEET 1 OF 1 |    |

38943-XX-ENV