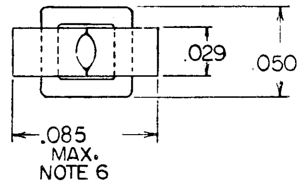
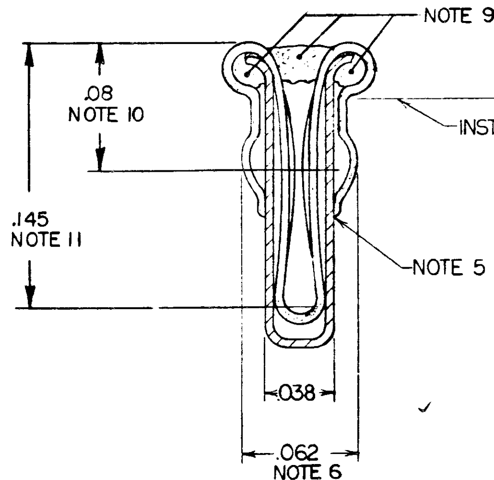
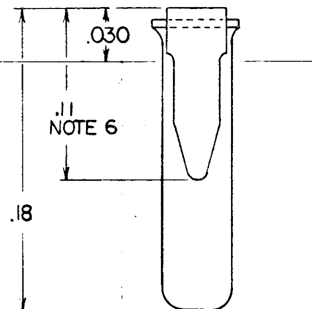
| PRODUCT NO. | NOTE |
|---|---|
| 75315 -001 | AS SHOWN |

| REV | DESCRIPTION | BY | DATE |
|---|---|---|---|
| F | REDRAWN | DEW | 9-9-74 |
| G | ADDED NOTE 10 | DCH | 11-1-74 |
| H | ADD P/N -002 | | 4-30-5 |
| J | DELETED -002, ADDED DIM'S .08 + .145, REVISED NOTES 1,3,4,6,8, + 10. ADDED NOTE 11, DELETED DIMPLE ON DWG | DA | 1-25-80 |
| K | SPRING WIDTH .085 WAS .080 | BMS | 5/15/84 |




NOTES:

1. THE SOCKET ASSY SHALL BE SELF RETAINING DURING WAVE SOLDERING IN HOLES FROM .050 TO .058 DIA.
2. THE SPRING SHALL SOLDER TO THE CUP DURING WAVE SOLDERING IN SINGLE OR DOUBLE SIDED BOARDS TO 1/16 THK. NO SOLDER SHALL ENTER THE INSIDE OF THE CUP.
3. THE SOCKET SHALL ACCEPT ROUND LEADS FROM .012 TO .022 DIA. AND FLAT LEADS WHEN PROPERLY ORIENTED FROM .008 TO .015 THK. BY .020 TO .025 WIDE.
4. SEE PRODUCT SPEC 12-006 FOR INSERTION / WITHDRAWAL FORCES.
5. GAP BETWEEN SPRING TIPS AND CUP NOT TO EXCEED .003.
6. DIMENSIONS APPLY PRIOR TO INSTALLATION
7. CUP MATERIAL: GILDING MATERIAL PER MIL.-C-21768. SPRING MATERIAL: B- Cu PER QQ-C-533.
8. CUP PLATING: TIN-LEAD 60/40 1,50μ / 60μ" THK. SPRING PLATING: 0,76μ / 30μ" GOLD (MIL G45204B) TYPE IC, OVER 1,01μ/40μ" NICKEL (QQ-N-290)
9. R.T.V. APPLIED TO AREA SHOWN TO PREVENT FLUX AND SOLDER FROM ENTERING SOCKET DURING WAVE SOLDERING.
10. SHOWS CENTER LINE OF THEORETICAL POINT OF CONTACT FROM TOP OF SPRING
11. SHOWS MAX. DEPTH FOR .020 LEAD FROM TOP OF SPRING

**CUSTOMER COPY FOR REFERENCE ONLY**

| | | DO NOT SCALE DRAWING | TOLERANCES UNLESS OTHERWISE NOTED | INCH | MM |
|---|---|---|---|---|---|
| | | | LINEAR | .00 ± | |
| | | THIRD ANGLE PROJECTION | | .000 ± .005 | |
| NEXT ASSY | USED ON | INCH | RADII | | |
| APPLICATION | | MM | ANGLES | | |

| DR | MATL | DATE |
|---|---|---|
| DWhiting | NOTE 7 | 9-9-74 |
| CK'D | | |
| ENGR | FINISH NOTE 8 | |
| APP'D CLARK | | 9-24-74 |

**BERG ELECTRONICS**
E. I. DU PONT DE NEMOURS & COMPANY
NEW CUMBERLAND, PA.

TITLE MINISERT SOCKET

SCALE X | SIZE C | DWG. NO. 75315 | SHEET 1 OF 1

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PDM: Rev:K STATUS: Released Printed: May 26, 2006