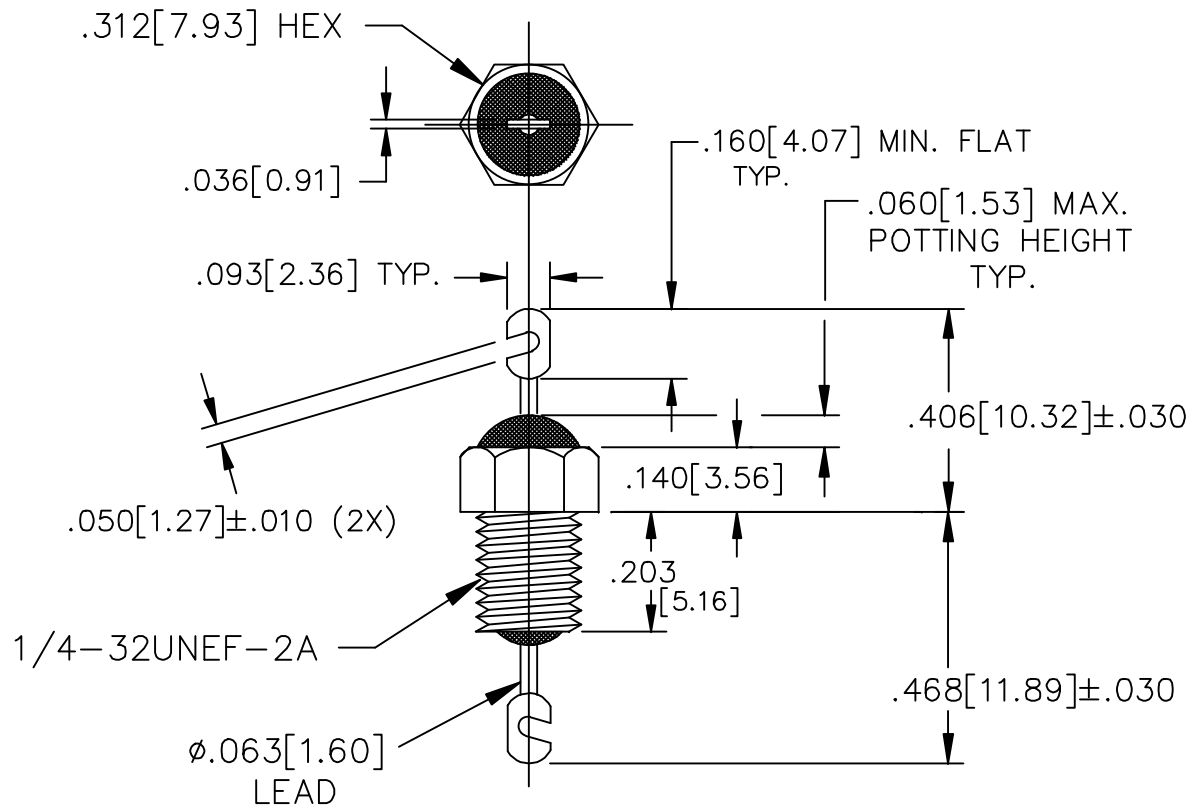




#### NOTES:

- HARDWARE IS INCLUDED.
- PRE-FLATTEN/NOTCH DIMENSIONS ARE:  
TOP:  $.386 \pm .010$   
BOTTOM:  $.448 \pm .010$

|                    |                       |
|--------------------|-----------------------|
| BUSHING FINISH     | SILVER                |
| LEAD FINISH        | TIN/SILVER            |
| CAPACITANCE        | 1000pF +100/-0%       |
| TEMP. RANGE        | -55°C/+125°C          |
| CURRENT            | 25 AMPS               |
| WORKING VOLTAGE    | 125°C 500 VDC         |
| DC RESISTANCE      | .01 $\Omega$ hms MAX. |
| IL=PER MIL-STD-220 |                       |
| FREQ. MHz          | I.L. (db)             |
| 100MHz             | 15                    |
| 300MHz             | 25                    |
| 1 GHz              | 35                    |
| 10 GHz             | 40                    |
| SCHEMATIC          |                       |
| MARKING:           |                       |
| PART:              | SF102P                |
| BAG:               | SCI 54F-806-007       |
|                    | DATE CODE             |
|                    | LOT NO.               |
|                    | QTY/BAG               |



|  |  |  |  |  |              |               |                                       |                           |                       |                         |
|--|--|--|--|--|--------------|---------------|---------------------------------------|---------------------------|-----------------------|-------------------------|
|  |  |  |  |  | 00           | REV. NO.      | TOLERANCES UNLESS OTHERWISE SPECIFIED | <br>SPECTRUM CONTROL INC. | FAIRVIEW PENNSYLVANIA |                         |
|  |  |  |  |  | CN 27663-CPD | CHANGE NOTICE | Fractions $\pm 1/64$                  |                           | Dwn. P. WELLS         | Description             |
|  |  |  |  |  |              |               | Dec. $.xx \pm$                        |                           |                       | FLTR., SING., FT, BSHG. |
|  |  |  |  |  |              |               | Dec. $.xxx \pm .010$                  |                           | Date 5-30-06          |                         |
|  |  |  |  |  |              |               | Angles $\pm 0^\circ 30'$              |                           | Engr. STRUCHEN        |                         |
|  |  |  |  |  |              |               | CODE IDENT. NO. DLSP2                 | Scale NONE                |                       | 54F-806-007             |