



## Sapphire Trimmer

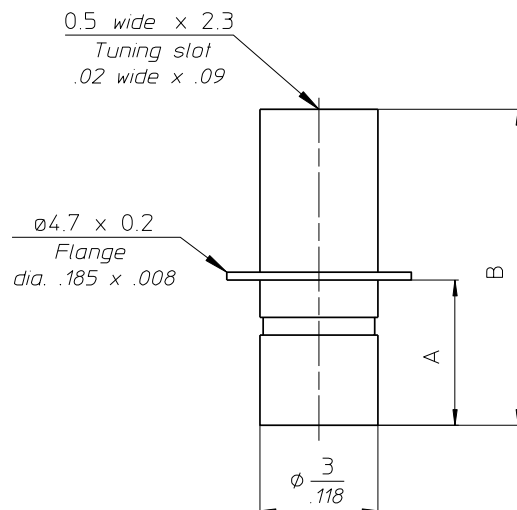
**PPI-66-03x1-0000x-000**

### PART SPECIFICATIONS

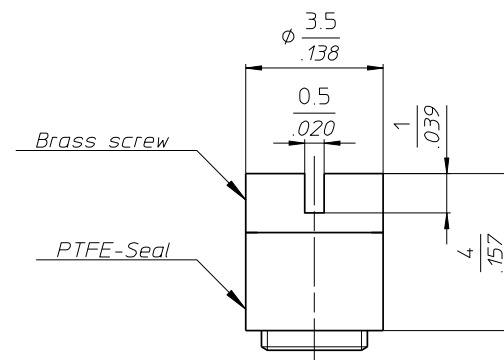
|                              |                                                |
|------------------------------|------------------------------------------------|
| <b>TUNING TORQUE</b>         | <b>0.14 - 1.4 in.oz</b>                        |
| <b>STOP TORQUE</b>           | <b>max 2.1 in.oz</b>                           |
| <b>ROTATIONAL LIFE</b>       | <b>≥ 75 cycles, IEC 418</b>                    |
| <b>VIBRATION</b>             | <b>60 g / 10-2000Hz</b>                        |
| <b>SHOCK</b>                 | <b>1500g / 0.5ms</b>                           |
| <b>OPERATING TEMPERATURE</b> | <b>-65°C....+125°C</b>                         |
| <b>ADJUSTMENT ACCURACY</b>   | <b>≤ 1 x 10<sup>-3</sup> of adjusted value</b> |
| <b>CONTACT RESISTANCE</b>    | <b>&lt; 0.001Ω</b>                             |
| <b>DIELECTRIC</b>            | <b>Sapphire</b>                                |

### STANDARD CONFIGURATIONS

| Part Number           | Cmin (pF) | Cmax (pF) | Test Voltage (VDC) | Q-Factor (@200MHz) | IR (MΩ)          | TC (ppm/°C) | Dim. A (mm) | Dim. B (mm) | Weight (g) |
|-----------------------|-----------|-----------|--------------------|--------------------|------------------|-------------|-------------|-------------|------------|
| PPI-66-0301-00002-000 | 0.4       | 2.5       | 1000               | >4000              | >10 <sup>6</sup> | 0 ± 50      | 2.3         | 5.8         | 0.26       |
| PPI-66-0301-00004-000 | 0.6       | 4.5       | 1000               | >3000              | >10 <sup>6</sup> | 0 ± 50      | 3.7         | 8.0         | 0.34       |
| PPI-66-0301-00008-000 | 0.8       | 8.0       | 1000               | >2000              | >10 <sup>6</sup> | 0 ± 75      | 6.5         | 12.3        | 0.49       |
| PPI-66-0331-00002-000 | 0.4       | 2.5       | 1000               | >4000              | >10 <sup>6</sup> | 350 ± 75    | 2.3         | 5.8         | 0.26       |
| PPI-66-0331-00004-000 | 0.6       | 4.5       | 1000               | >3000              | >10 <sup>6</sup> | 350 ± 75    | 3.7         | 8.0         | 0.34       |
| PPI-66-0331-00008-000 | 0.8       | 8.0       | 1000               | >2000              | >10 <sup>6</sup> | 350 ± 75    | 6.5         | 12.3        | 0.49       |



#### Accessories



Seal cap suitable for repeated usage

Dimensions are in mm  
inches