

ER-530-000

Technical drawing of the ER-530-000 component, showing side and end views with dimensions.

Side View Dimensions:

- Overall length: 0.430 (10.9)
- Distance from left face to PTFE start: 0.093 (2.4)
- PTFE length: 0.31 (7.9) MAX
- Distance from PTFE end to right face: 0.69 (17)
- Left diameter: 0.123 ± 0.005 (3.12 $\pm$ 0.13) DIA
- Right diameter: 0.140 ± 0.005 (3.56 $\pm$ 0.13) DIA
- Bottom reference dimension: 0.050 (1.3) REF

End View Dimensions:

- Slot width: 0.020 (0.51) W x 0.025 (0.64) D
- Wire diameter: 0.010 (0.25) DIA PHOSPHOR BRONZE WIRE
- Bottom reference dimension: 0.037 (0.94) REF

Labels:

- PTFE
- #0-80 ADJ. SCREW

Technical drawing of the probe assembly showing side and end views with dimensions.

Side View Dimensions:

- Top diameter: 0.140 ± 0.005 DIA
- Second diameter: 0.150 DIA
- Third diameter: 0.025 DIA (#22 AWG)
- Fourth diameter: 0.030 ± 0.015 / 0.76 ± 0.38
- Length of top section: 0.31 / 7.9 MAX
- Length of middle section: 0.25 MIN / 6.4
- Length of bottom section: 0.420 / 10.7
- Length of PTFE section: 0.69 / 17
- Reference length: 0.050 / 1.3 REF

End View Dimensions:

- SLOT: 0.020 W x 0.025 D
- Diameter: 0.010 DIA / 0.25
- Reference diameter: 0.037 / 0.94 REF

Labels:

- PTFE
- #0-80 ADJ. SCREW
- PHOSPHOR BRONZE WIRE

Tolerance is $\pm 0.005/0.13$ for dimensions of $0.110/2.79$ or less, and $\pm 0.031/0.79$ for dimensions greater than $0.110/2.79$, unless otherwise specified.

