

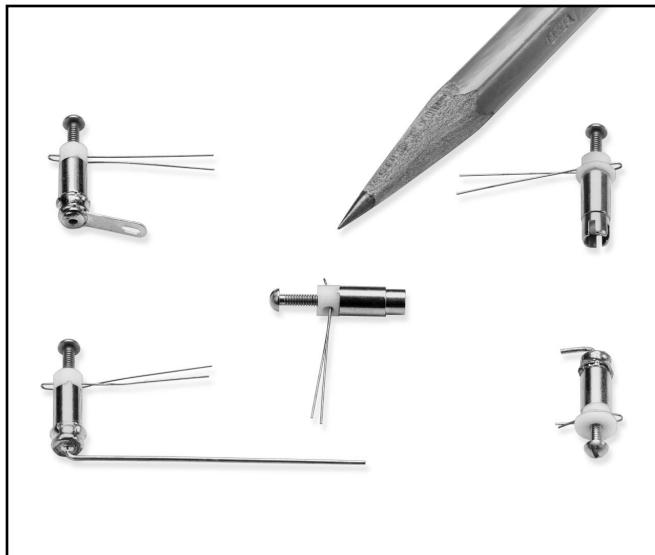
# Sprague-Goodman

ENGINEERING BULLETIN

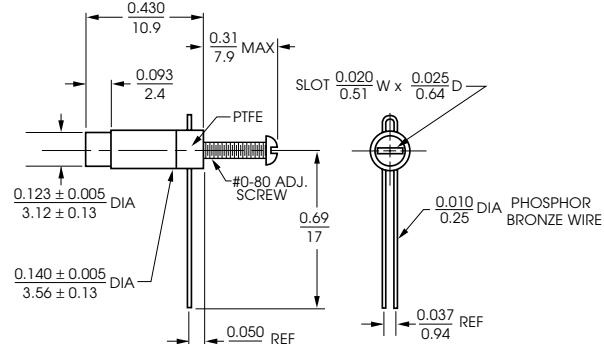
**SG-401D.1**

Supercedes SG-401C

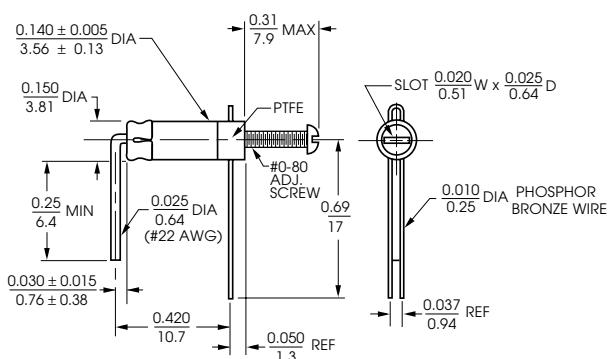
## MULTITURN PTFE DIELECTRIC TRIMMER CAPACITORS



**ER-530-000**



**ER-530-006**



### FEATURES

These trimmer capacitors combine the outstanding electrical properties of PTFE with nonferrous metal parts to provide:

- High Q
- Excellent Conductivity
- High DWV
- Corrosion Resistance
- High IR
- Low  $\Delta C$ /Turn Ratio
- Excellent Stability

### SPECIFICATIONS

Capacitance Range ..... 0.25 to 1.5 pF

Rated Voltage at 25°C:

ER-530-000, -006, -016 ..... 1250 VDC

ER-530-021 ..... 1700 VDC

Dielectric Withstanding Voltage at 25°C:

ER-530-000, -006, -016 ..... 2500 VDC

ER-530-021 ..... 3400 VDC

Operating Temperature Range ..... -55° to +125°C

Q min at 1 MHz ..... 2000

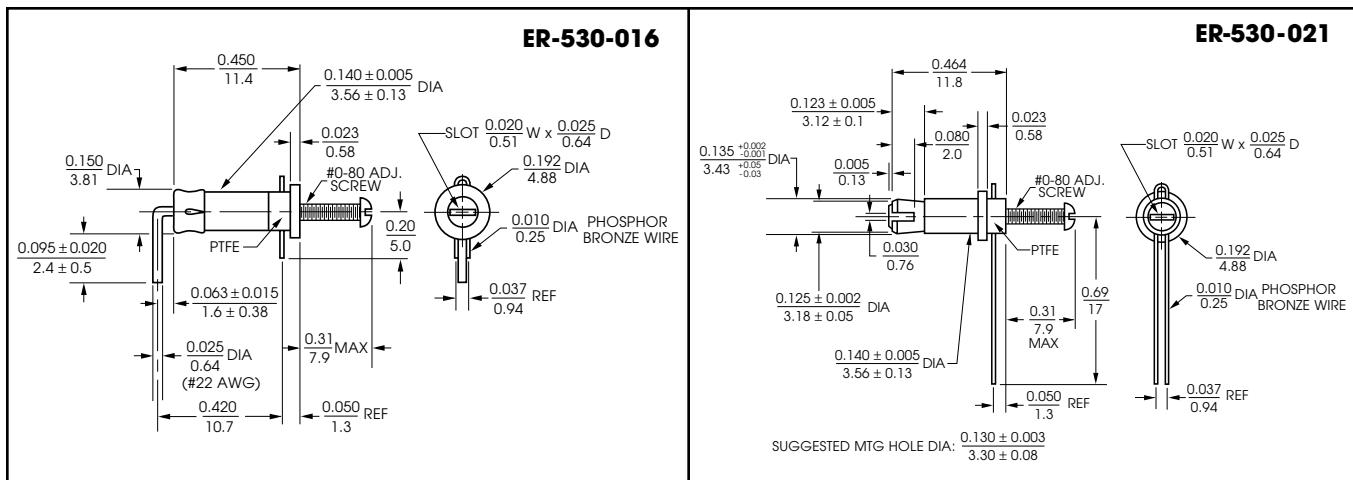
Insulation Resistance ..... 1 teraohm at 25°C

TCC ..... 50 ± 50 ppm/°C

Torque ..... 0.2 to 3.0 oz-in (14.4 to 216 g-cm)

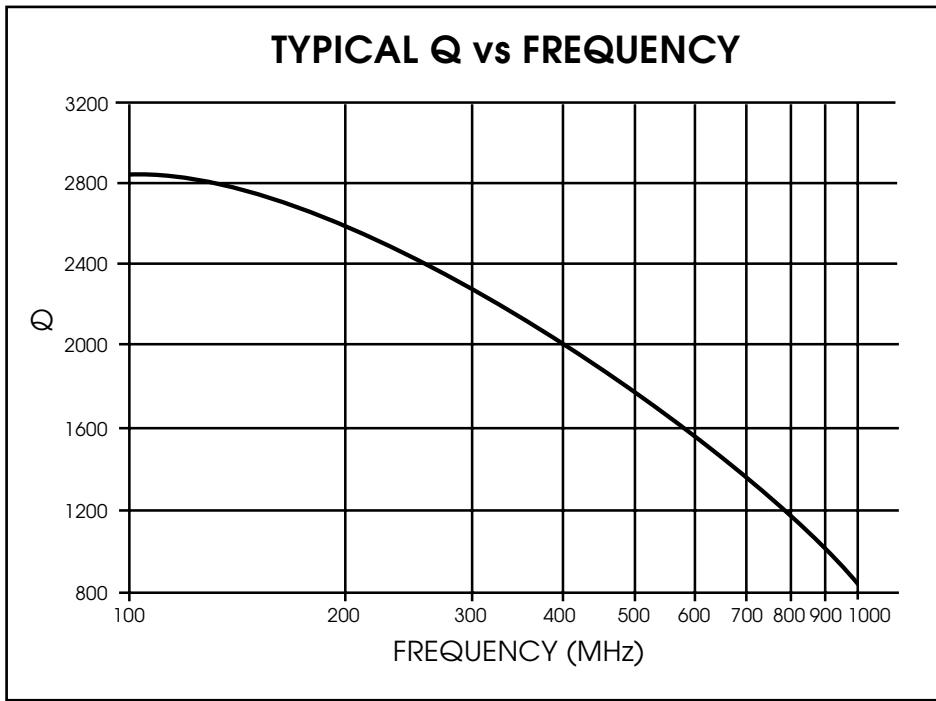
All dimensions are in /mm.

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



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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.



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[GDT40026](#) [GKU90020](#) [GNR4R550](#) [GNR8R050](#) [GXL15000](#) [538-011 D 9-35LF](#) [PC39G520](#) [STPTIC-56G2C5](#) [27271LSL](#) [27281SL](#)  
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