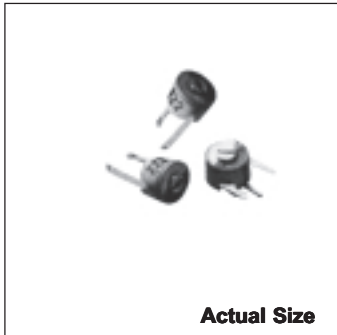


The products listed in this catalog are only a few of the thousands of variations that TUSONIX produces. For custom applications please contact the factory direct.



## 528 Series Trimmer Capacitor

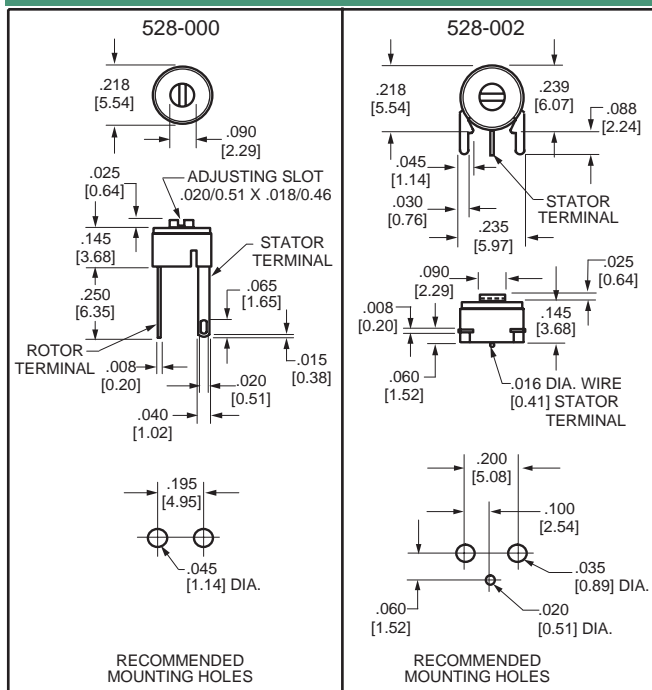


### Features of the 528 Trimmer

Incorporating the same fine design features that have made the 538 Series standard for the industry, TUSONIX' 528 Series featured here is miniaturized for today's circuitry. All ceramic construction with optically flat interfaces provides tuning, smoothness not obtainable with compression type trimmers. The silver electrodes are intimately bonded to the top surfaces of the base and rotor. The terminals and other metal parts are nonferrous and silver-plated for good conductivity and trouble free soldering.

A variety of capacitance ranges, terminations and mounting provisions make these popular trimmers ideal for nearly all applications.

### Terminal Variation Options



### Ordering Data

TUSONIX Part Number	Dielectric Type Code	Capacitance Range (pF)	TUSONIX Part Number	Dielectric Type Code	Capacitance Range (pF)
528-000	A	1.0-3	528-002	A	1.25-3
528-000	A	2.0-5	528-002	A	2-5
528-000	A	3.0-8	528-002	A	3-8
528-000	A	3.5-10	528-002	A	3.5-10
528-000	C	3.5-10	528-002	C	3.5-10
528-000	A	4.0-14	528-002	A	4-14
528-000	E	4.5-15	528-002	E	4.5-15
528-000	F	3.5-17	528-002	F	3.5-17
528-000	F	6.0-22	528-002	F	6-22

### Specifications

Working Voltage: . . . . . 100Vdc at 125°C  
 Dielectric Strength . . . . . 200 WVdc for 1 to 5 seconds  
 Operating Temperature Range . . . . . -55°C to 125°C  
 Q Factor @ 1 MHz . . . . . 500 Min  
 Insulation Resistance: .10 gigaohms minimum at 25°C ±5°C  
 Torque: . . . . . 0.3 to 3.0 oz. in. [0.2-2.0 Ncm]  
 Performance Specification . . . . . Page 6

**Marking:** All units will be marked with the TUSONIX trademark, capacitance range and dielectric type code.

**Example:** T 1-3•

For dimensions  $\geq .126"/3.20\text{mm}$ , tolerance is  $\pm .015/0.38$   
 For dimensions  $\leq .125"/3.18\text{mm}$ , tolerance is  $\pm .005/0.13$

### How to Order

Begin with '0', then specify series '528' followed by the three digit Terminal Variation you select from the above options. Then list the Dielectric Type Code you select from the table and the corresponding Capacitance Range.

**EXAMPLE: 0528-002F6.0-22**