

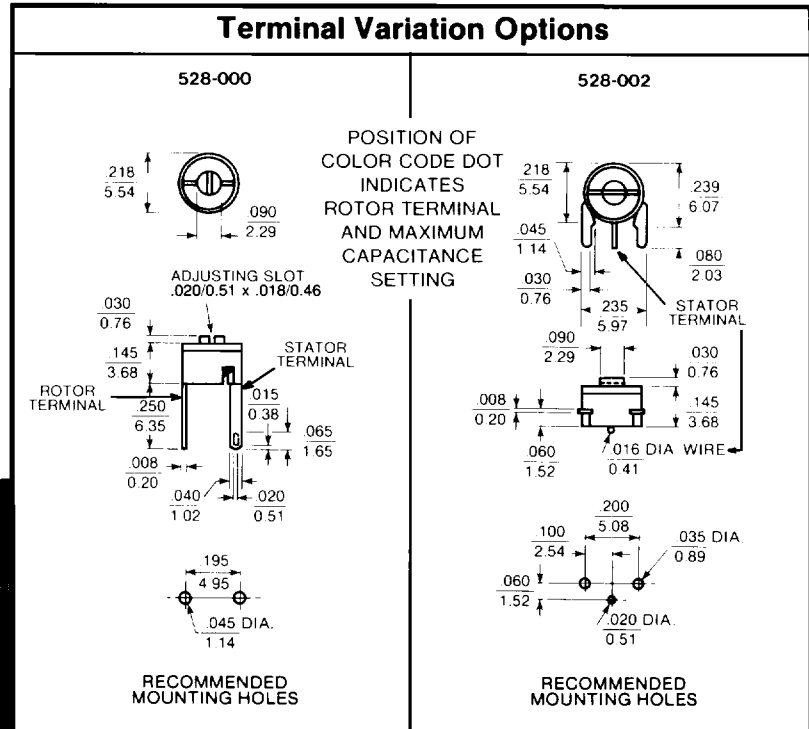
TUSONIX

100 WVdc CERAMIC TRIMMERS

SERIES 528 Subminiature

Incorporating the same fine design features which have made the 538 Series standard for the industry, TUSONIX' 528 Series, described on this page, 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 non-ferrous 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.



STANDARD VALUES

TUSONIX Part No.	Capacitance Range (pF)	Dielectric Type Code (see p. 9)	TUSONIX Part No.	Capacitance Range (pF)	Dielectric Type Code (see p. 9)
528-000	1 - 3	A	528-002	1.25 - 3	A
528-000	2 - 5	A	528-002	2 - 5	A
528-000	3 - 8	A	528-002	3 - 8	A
528-000	3.5 - 10	A	528-002	3.5 - 10	A
528-000	3.5 - 10	C	528-002	3.5 - 10	C
528-000	4 - 14	A	528-002	4 - 14	A
528-000	4.5 - 15	E	528-002	4.5 - 15	E
528-000	3.5 - 17	F	528-002	3.5 - 17	F
528-000	6 - 22	F	528-002	6 - 22	F

For dimensions $\leq .125"/3.18$ mm, tolerance is $\pm .005/0.13$
 For dimensions $\geq .126"/3.20$ mm, tolerance is $\pm .015/0.38$ except where noted

SPECIFICATIONS

Working Voltage: 100 WVdc at 125° C

Dielectric Strength 2 times WVdc for 1 to 5 seconds

Operating Temperature Range -55° to 125° C

Q Factor @ 1 MHz 500 Minimum

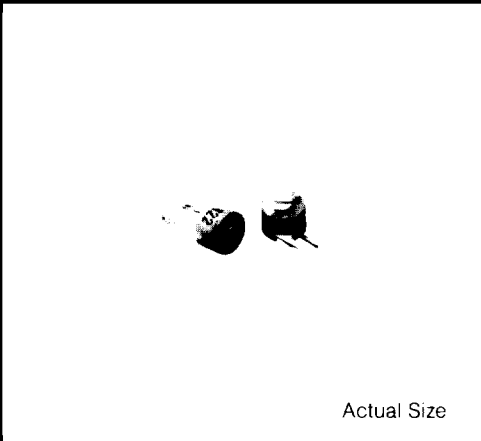
Insulation Resistance 10 gigaohms minimum at 25°C $\pm 5^\circ$ C

Torque3 - 3 oz. in.

Qualification Specification TUSONIX Spec. 500 (page 9)

Marking: All units will be marked with TUSONIX trade mark, capacitance range and dielectric code

Example: T1-3 •



Ordering Data

Specify series 528 followed by the three digit Terminal Variation you select from the above options, list the Dielectric Type Code you select from the table at right and the corresponding Capacitance Range.

Example:

528-002 F 6-22 PF