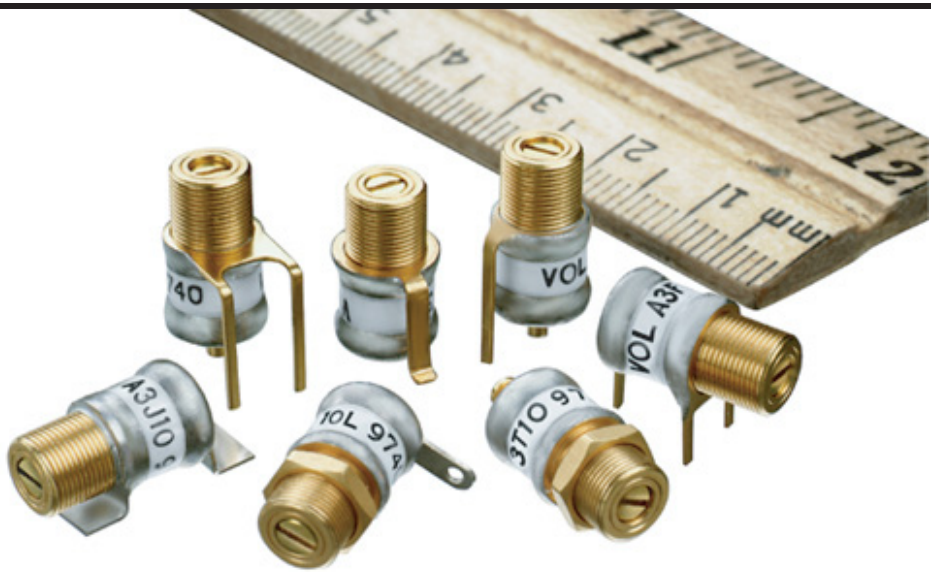


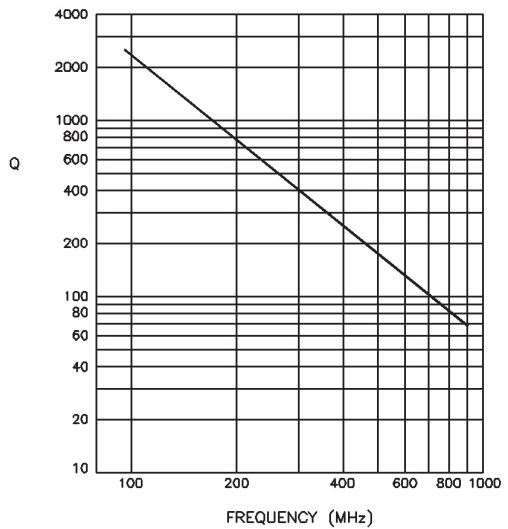
“A3” SERIES - Low Cost Trimmer Capacitors



The Voltronics A3 Series is a very economical drop-in replacement for conventional air dielectric trimmer capacitors.

The high reliability solid dielectric assures no intermittent shorting and noiseless microphonic-free performance. Available in many mounting styles, the A3 Series also features positive tuning stops and 10 full turns of linear tuning. The A3 is available in a high voltage version.

QUALITY FACTOR (Q)
OF A3T10 CAPACITORS



GENERAL SPECIFICATIONS

	A3_10
Capacitance	1.0-10.0pF
DC Working Voltage	250
DC Withstanding Voltage	500
Temperature Coefficient	0±50 ppm/°C
Insulation Resistance	10 ⁶ megohms
Q (min) at 100 MHz @ Max. C *	2,000
Self Resonant Frequency*	2.3 GHz
Operating Temperature	-65°C to +125°C
Tuning Torque	0.1 to 1.0 in-oz
Shock	1,500g, 0.5 milliseconds.
Vibration	50g at 10-2000 Hz

* Self-resonant frequency and Q are measured with no terminals on parts

OPTIONS

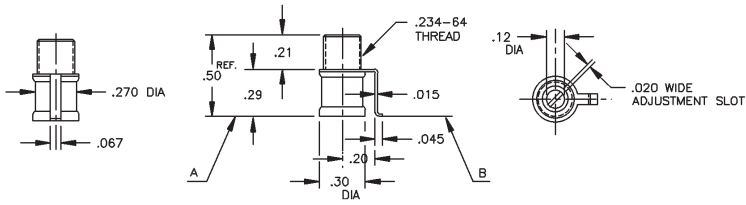
The “HV” Option - high voltage applications:

Add “HV” to the part number, i.e., A3T10HV.

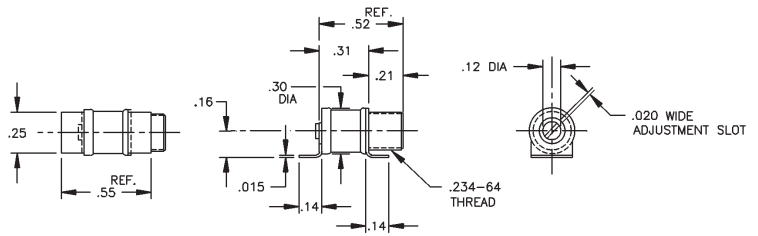
Specifications are as follows:

DC Volts Working	DC Volts Withstanding
1,000	2,000

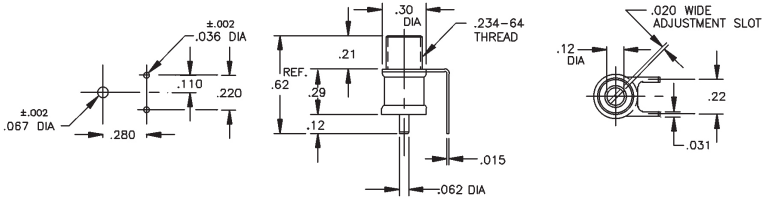
A3M10



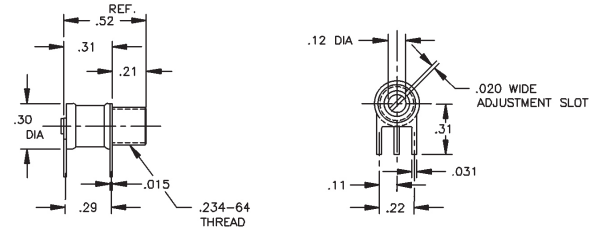
A3J10



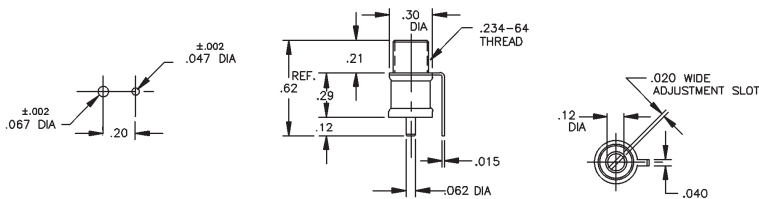
A3F10



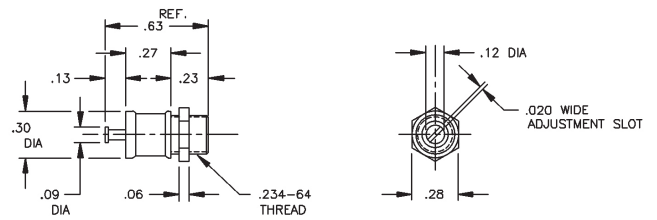
A3P10



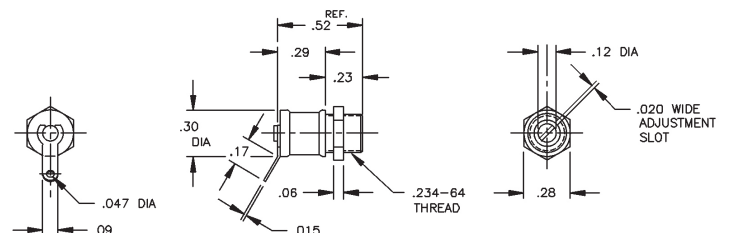
A3B10



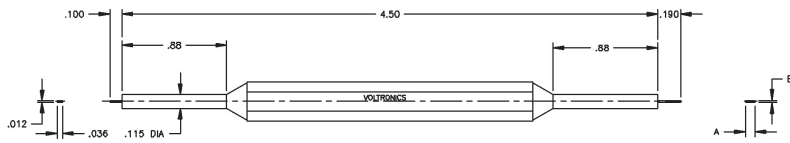
A3T10



A3T10L



Drawing tolerances where not specified XXX±.005 XX±.016
Recommended Tuning Tool: TT-400



IN	.015	.020	.031	.036	.04	.045	.047	.06	.062	.065	.09	.11	.12
MM	.038	.051	.079	.091	1.02	1.14	1.19	1.52	1.57	1.70	2.29	2.79	3.05
IN	.13	.14	.16	.18	.18	.20	.21	.22	.23	.27	.28	.29	.30
MM	3.30	3.56	4.06	4.57	4.57	5.08	5.33	5.59	5.84	6.86	7.11	7.37	7.62
IN	.31	.34	.50	.55	.55	.60	.62	.63					
MM	7.87	8.64	12.70	13.97	13.97	15.24	15.75	16.00					