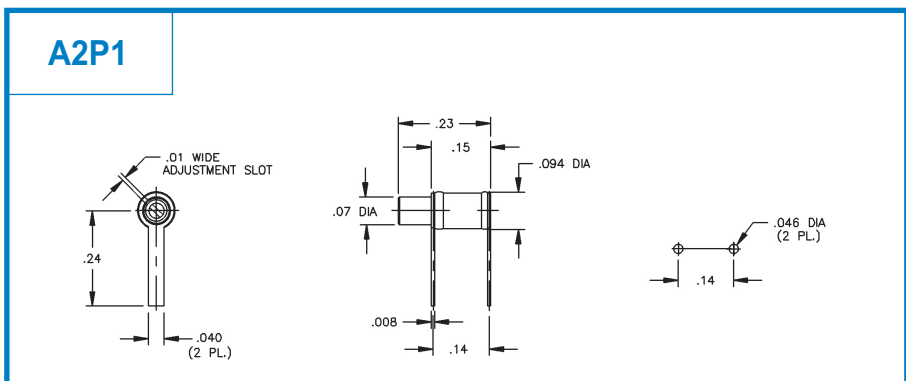
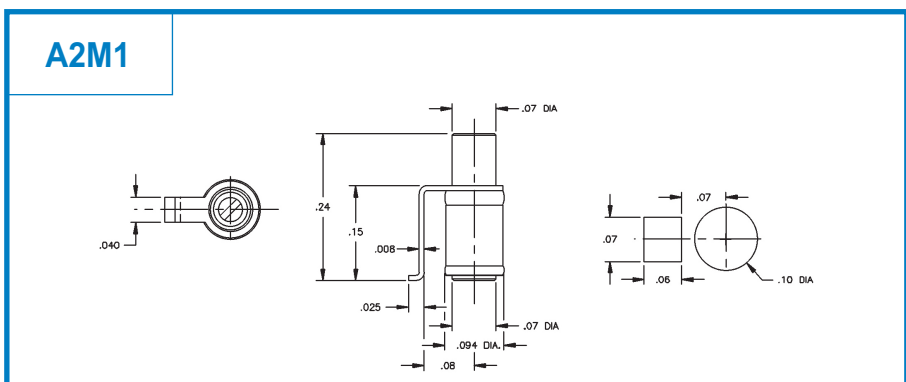
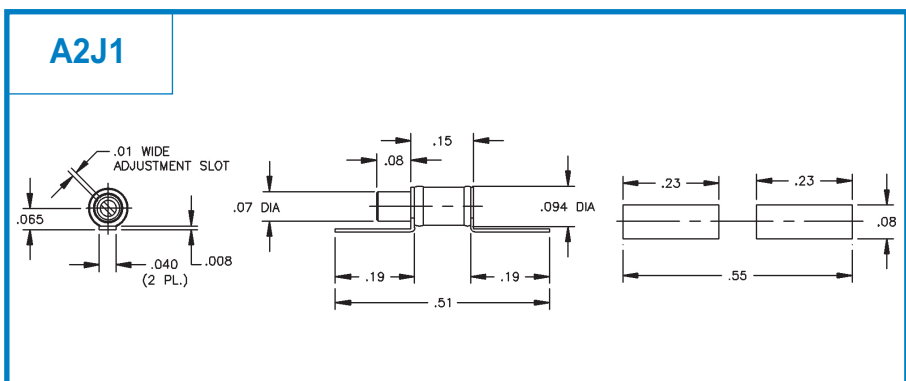


# "A2" SERIES - Low Cost Miniature Trimmer Capacitors



The Voltronics A2 Series is among the smallest multi-turn piston trimmer capacitors in the industry. Utilizing a high reliability solid dielectric, positive tuning stops and 3 standard mounting configurations this trimmer capacitor is an ideal replacement for expensive sapphire dielectric trimmers. Applications include tuning and impedance matching of high frequency, and high power amplifiers especially where small size and high performance are critical requirements.



## GENERAL SPECIFICATIONS

Capacitance	0.3-1.2pF
DC Working Voltage	250
DC Withstanding Voltage	500
Self-Resonant Frequency *	5 GHz at 1.2pF
Number of Turns	7
Q (min) at 100 MHz @ Max. C *	2,000
Temperature Coefficient	0±150 ppm/°C
Insulation Resistance @ 25 °C	10 <sup>6</sup> megohms
Operating Temperature	-65 °C to +125 °C
Tuning Torque	0.1 to 1.0 in-oz
Shock	1,500g, 0.5 milliseconds.
Vibration	50 g at 10-2000 Hz

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

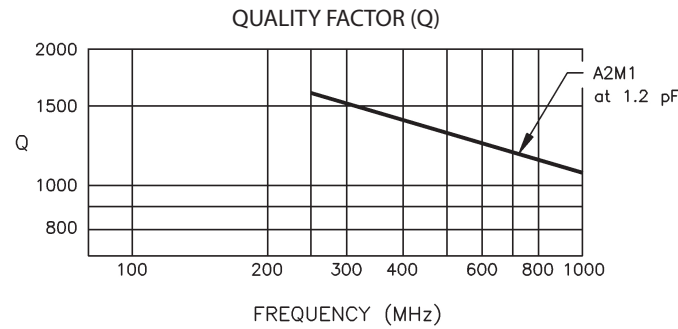
## OPTIONS

**High Voltage Option:** Add "HV" to the part number, i.e., A2M1HV. Specifications are as follows: 750 DC Working Volts & 1,500 DC Withstanding Volts

**Tape & Reel Option:** Consult Factory

**Recommended Tuning Tool:** TT-401

Drawing tolerances where not specified xxx±.005 xx±.016



IN	0.008	0.010	0.025	0.040	0.046	0.060	0.065	0.070	0.080	0.094	0.100	0.140	0.150	0.190	0.230	0.240	0.510	0.550
MM	0.203	0.254	0.635	1.016	1.168	1.524	1.654	1.778	2.032	2.390	2.540	3.556	3.810	4.826	5.842	6.096	12.954	13.970