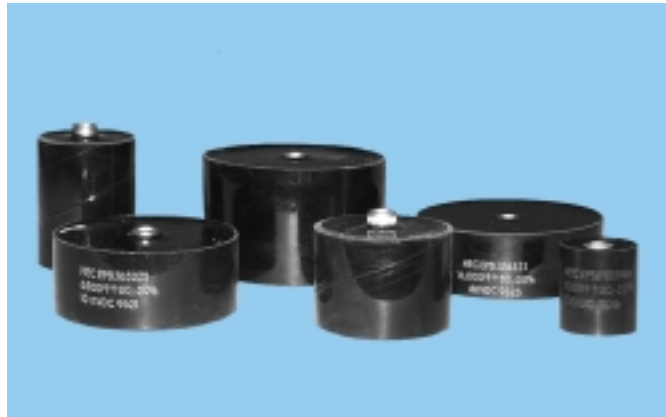


EPSR Series : High Voltage Pulse Power

NEW !

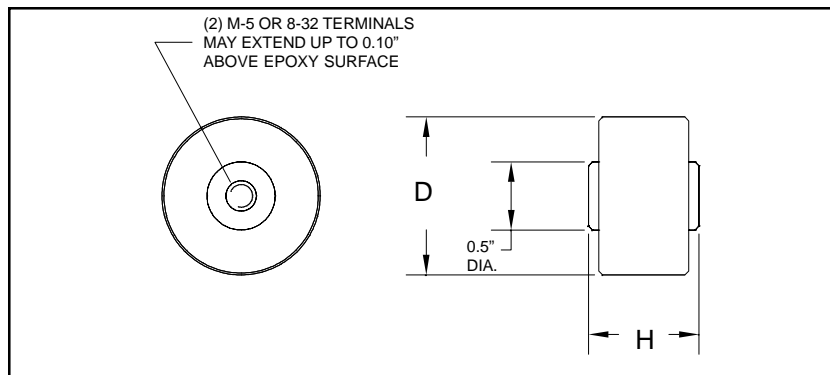


HIGH ENERGY CORPORATION'S NEW LINE OF EPOXY ENCAPSULATED CERAMIC CAPACITORS ARE DESIGNED FOR USE IN HVDC POWER SUPPLIES, ELECTROSTATIC COPYING MACHINES, LIGHTNING ARRESTOR SYSTEMS, ELECTRON MICROSCOPES AND MANY LASER APPLICATIONS. THESE CAPACITORS FEATURE A CLASS I CERAMIC DIELECTRIC, LOW DISSIPATION FACTOR, AND SMALL CASE SIZE.

PART NUMBER	CAP (pF)	D +/- 1.5mm (in)	H +/- 1.5mm (in)	WORKING VOLTS (DC)	TEST VOLTS (DC)
EPSR3142MA(B) EPSR3252MA(B) EPSR3402MA(B)	1400 2500 4000	38 (1.50) 48 (1.89) 60 (2.36)	23 (0.91)	20 KV	30 KV
EPSR5941MA(B) EPSR5172MA(B) EPSR5272MA(B)	940 1700 2700	38 (1.50) 48 (1.89) 60 (2.36)	26 (1.02)	30 KV	45 KV
EPSR7701MA(B) EPSR7132MA(B) EPSR7202MA(B)	700 1300 2000	38 (1.50) 48 (1.89) 60 (2.36)	32 (1.26)	40 KV	55 KV

NOTES:

1. FINAL SUFFIX 'A' DENOTES THE M-5 THREADED TERMINAL. FOR 8-32 THREADS CHANGE SUFFIX TO 'B'.
2. THE ABOVE REPRESENTS ONLY A SAMPLING OF THE VOLTAGE AND CAPACITANCE COMBINATIONS. CONTACT THE FACTORY FOR OTHER VARIATIONS.



SPECIFICATIONS:

Temperature Range: Operating -30°C to +50°C
Storage -30°C to +50°C

Capacitance Tolerance: Listed As +/- 20%, Other Values Available.

Dissipation Factor: 0.5% Maximum, When Measured At A Frequency Of 1 KHz.

Dielectric Strength Test: All Capacitors Will Withstand A DC Test Voltage, As Listed, For 10 Sec. At A Temp. Of 25°C

Insulation Resistance: 20,000 Megohms Minimum At 100VDC

Temperature Characteristics: N5500 (+/- 1000 ppm/°C) Over The Operating Temperature Range.

Terminal Strength: Maximum Torque To Be Applied Shall Be 20 Inch Pounds.

