

## CAPACITOR PERFORMANCE CHART

DIELECTRIC	ELECTROCUBE TYPE	VOLTS* (DC)	VOLTS* (AC)	PULSE	CAPACITANCE RANGE	CAPACITANCE TOLERANCE	TEMPERATURE COEFFICIENT	CAPACITANCE STABILITY	INSULATION** RESISTANCE	DISSIPATION FACTOR	DIELECTRIC ABSORPTION (@ 25° C)	TEMPERATURE RANGE
<b>Metallized Polyester</b>	230B 230C 230D 231A 232A	35V to 1000V	Up to 480V	Fair	0.001µf to 20µf	±20% to ±1%	+15%/-5%, -55°C to +125°C; ±2.5% -25°C to +85°C	0.2%/Yr.	20K @25°C 2K @85°C 40 @125°C	1.0%	0.5%	-55°C to +125°C
<b>Polyester/ Foil</b>	250B 250D 251A 252A	200V to 1000V	Up to 480V	Good	0.001µf to 20µf	±20% to ±1%	+15%/-5%, -55°C to +125°C; ±2.5% -25°C to +85°C	0.2%/Yr.	20K @25°C 2K @85°C 40 @125°C	0.5%	0.25%	-55°C to +125°C
<b>Polystyrene/ Foil (Consult Factory)</b>	410B 410D	50V to 1600V	Up to 300V	Good	0.001µf to 1µf	±20% to ±1%	-120 ppm/°C; -55°C to +85°C	0.1%/Yr.	100K @25°C 5K @85°C	0.1%	0.5%	-55°C to +85°C
<b>High Voltage Mylar (Kraft &amp; Foil) (Consult Factory)</b>	520B	200V to 10,000V		Poor	0.001µf to 1µf	±20% to ±1%	±5% -55°C to +85°C	0.1%/Yr.	20K @25°C 500 @85°C	1.0%	0.5%	-55°C to +125°C
<b>Metallized Polycarbonate</b>	650B 650C 650D 652A 653A	50V to 600V	Up to 240V	Fair	0.001µf to 50µf	±20% to ±1%	±2%, -55°C to +125°C; ±1% -25°C to +85°C	0.5%/Yr.  0.2%/Yr.	25K @25°C 2.5K @85°C 50 @125°C	0.3%	0.2%	-55°C to +125°C
<b>Metallized Combination</b>	730B 730D	100V to 200V	Up to 135V	Fair	0.001µf to 20µf	±20% to ±1%	325 ppm/°C; -40°C to +105°C	0.2%/Yr.	100K @25°C 5K @85°C	0.1%	0.5%	-55°C to +105°C
<b>IGBT Snubber Metallized Polypropylene</b>	926B	600V to 2000V	Up to 630V	Good	.47µf to 4.7µf	±10%	±2%, -55°C to +105°C ±1.5% -25°C to +85°C	0.2%/Yr.	100K @25°C	0.1%	0.1%	-55°C to +105°C
<b>Metallized Polypropylene</b>	935B 935D 931A 932A	100V to 1000V	Up to 480V	Fair	0.001µf to 20µf	±20% to ±1%	±2%, -55°C to +105°C; ±1.5% -25°C to +85°C	0.5%/Yr.  0.1%/Yr.	100K @25°C 5K @85°C 500 @105°C	0.1%	0.1%	-55°C to +105°C
<b>Heavy-Edged Metallized Polypropylene</b>	945B 945D	100V to 1000V	Up to 480V	Good	0.001µf to 20µf	±20% to ±1%	±2%, -55°C to +105°C; ±1.5% -25°C to +85°C	0.1%/Yr.	100K @25°C 5K @85°C 500 @105°C	0.1%	0.1%	-55°C to +105°C
<b>Polypropylene/ Foil</b>	950B 950D 951A 952A	200V to 1000V	Up to 480V	Good	0.001µf to 20µf	±20% to ±1%	±2%, -55°C to +105°C; ±1.5% -25°C to +85°C	0.2%/Yr.	100K @25°C 5K @85°C 500 @105°C	0.1%	0.1%	-55°C to +105°C

(A: 7/01)

