

Characteristics

Available Capacitance Range:	.01-2.5 μ F (other custom ratings available)
Capacitance Tolerance:	+/-5%
Rated voltage Vdc (D.C.):	850-1200-2000-3000V
Insulation resistance test conditions:	Temperature : +25° C +/-5° C Voltage charge time : 1 min Voltage charge : 100 Vdc Typ. value : 3,000sec.
Operating Temperature:	-40° to +85°
Storage Temperature:	-40° to +85°
Dissipation factor (tg δ):	5x10 ⁻⁴ at 1 KHz and 25° C
Accelerated Life test:	Units are exposed to 85° +/-1% while being held at 125% of rated DC Voltage for 1000 hrs. Type test only.
Flame retardant	Polyester coating as UL 510 Epoxy resin UL 94 VI.
Package construction:	Polyester wrapping with epoxy resin end fill.
Capacitance deviation in the temperature range of – 40 to + 85° C:	+/-1.5% Max on capacitance value at 25° C.
Change of capacitance versus 100,000 hours at Vdc	-3% after 30,000 hours at Vac or after operating time.
Life expectancy:	30,000 hours at Vac.
Failure quota:	300/10 ⁹ components hours.
Leads:	Tinned solid copper wire (medium lead content 5%). 20, 18 or 16 AWG electroplated