

SERIES

PPS



- Aluminum Foil
- Polypropylene Film
- Metallized Polypropylene Film
- Metal Spray Layer
- Connecting Wire

Construction:

Dielectric : Polypropylene Film .
 Electrodes : Aluminum Foils & Aluminum Metallization.
 Winding : non-inductive type & internally connected series.
 Leads : Tinned Wire.
 Outer coating : Flame retarding epoxy resin.

Feature:

Low Dissipation Factor at high frequency.
 Tight capacitance tolerance.
 High insulation resistance.
 Very high pulse strength.
 Self-healing property.

Recommended Application:

Typical for Fly-back tuning in TV-set & Monitor.
 Electronic ballast circuits.
 Switching power supply circuits.
 High pulse load applications.
 For high frequency & high current application.

Electrical Characteristics:

Related Documents	IEC 60384-17 ; CECC 31900					
Rated Voltage (DC)	800VDC , 1000VDC , 1200VDC , 1600VDC , 2000VDC.					
Hi-pulse Voltage(Vo-p)	(800VH) , (1000VH) , (1250VH) , (1500VH) , (1800VH) for Fly-back tuning.					
Rated Temperature	-40°C ~ +85°C.					
Usable upper category temperature	+105°C (Derating ratio of rated voltage to +85°C ~ +105°C:1.5% per °C for Rated Voltage)					
Capacitance Range	0.001 μ F ~ 0.1 μ F.					
Capacitance Tolerance	$\pm 2\%$ (G) , $\pm 3\%$ (H) $\pm 5\%$ (J)					
Dissipation Factor	0.05% at 1Khz (C $\leq 0.1\mu$ F) 0.15% at 100Khz (C $\leq 0.1\mu$ F)					
Insulation Resistance	Terminal to Terminal: (at20 $\pm$ 5°C) $\geq 30000M\Omega$ for C $\leq 0.1\mu$ F at 500VDC $\times$ 1 minute.					
Withstand Voltage	Terminal to Terminal: (at20 $\pm$ 5°C) 1.6 $\times$ V _R applied for 2sec. (cut off current 10mA)					
Rated Voltage Pulse Slope dV/dt (V/ μ s)	V _R	800VDC	1000VDC	1200VDC	1600VDC	2000VDC
	Pitch					
	15m/m	20000	28000	30000	34000	54000
	20m/m	9000	11000	13000	15000	17000