

Polyester Film Capacitor (Axial)

How To Order

Series: PET Part No.

PET 103

K

500

A

B

S1

Capacitance 10PF=100 100PF=101 1000PF=102 1NF=1000PF =102 1UF=1000000PF =105	Tolerance B=0.1PF C=0.25PF D=0.5PF G=2% J=5% K=10% Z=+80%/-20% M=20%	Voltage 10V=100 50V=500 500V=501 1000V=102 2KV=2000V =202	Type R=Radial Type A=Axial Type	Packing B=Bulk T=Tape for Reel/Box
----------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------	----------------------------------------------	----------------------------------------------------

(The last letter S1 means special spec. Standard goods is without it.)

Description: PET 10000PF 10% 50V AXIAL BULK

Note:

The normal packing of Polyester Film Capacitor PET is BULK.

S= Special Spec. such as leg length, pitch size. Show special need here.

Polyester Film Capacitor

Type: PET

PET are also constructed with Polyester film dielectric and aluminum foil electrode with copper leads and outer wrapping of Polyester film with the both ends sealed by epoxy resin.

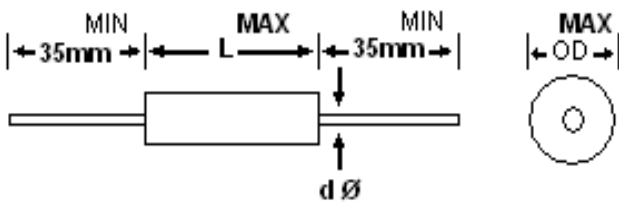
They are suitable for use in timing, delay and oscillator circuits and ideal for application in telecommunication, signal coupling and

FEATURES:

- High stability reliability.
- Excellent environmental performance.
- Low ESR and minimized dissipation factor.

SPECIFICATION:

1. OPERATING TEMPERATURE: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
2. CAPACITANCE RANGE: $0.001\mu\text{F}\sim 0.47\mu\text{F}$.
3. CAPACITANCE TOLERANCE: $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M).
4. RATED VOLTAGE: 50V/100VDC, 250VDC, 400VDC, 630VDC.
5. DISSIPATION FACTOR: 0.8% MAX AT 1KHz, 25°C .
6. INSULATION RESISTANCE: $>20,000\text{ M}\Omega$ ($\text{C}<0.1\mu\text{F}$)
 $<2000\text{ M}\Omega \cdot \mu\text{F}$ ($\text{C}>0.1\mu\text{F}$)



Unit: mm

RV SIZE CAP(μF)	50VDC/100VDC			250VDC			400VDC			630VDC		
	OD	L	d Ø	OD	L	d Ø	OD	L	d Ø	OD	L	d Ø
0.001	5.0	15.0	0.5	5.0	15.0	0.5	5.0	15.0	0.5	5.0	15.0	0.5
0.0015	5.0	15.0	0.5	5.0	15.0	0.5	5.0	15.0	0.5	6.0	15.0	0.5
0.0022	5.0	15.0	0.5	5.0	15.0	0.5	5.0	18.0	0.5	6.0	21.0	0.5
0.0033	5.0	15.0	0.5	5.0	15.0	0.5	6.0	18.0	0.5	6.0	21.0	0.5
0.0047	5.0	15.0	0.5	5.5	15.0	0.5	6.0	18.0	0.5	7.0	21.0	0.5
0.0068	5.5	15.0	0.5	5.5	15.0	0.5	7.5	18.0	0.6	7.5	21.0	0.6
0.01	5.5	15.0	0.5	6.0	15.0	0.5	8.8	18.0	0.6	7.5	21.0	0.6
0.015	6.5	15.0	0.5	7.0	15.0	0.6	10.0	18.0	0.6	7.5	24.0	0.6
0.022	6.0	18.0	0.6	7.0	18.0	0.6	9.0	21.0	0.6	8.5	24.0	0.6
0.033	6.5	18.0	0.6	7.0	21.0	0.6	9.5	24.0	0.6	9.5	27.0	0.6
0.047	6.5	21.0	0.6	7.5	21.0	0.6	11.0	24.0	0.6	11.0	27.0	0.6
0.068	7.5	21.0	0.6	8.0	21.0	0.6	10.5	27.0	0.6	13.0	27.0	0.8
0.1	8.0	24.0	0.6	8.5	24.0	0.6	12.5	27.0	0.6	15.0	35.0	0.8
0.15	9.0	24.0	0.6	9.5	24.0	0.8	14.0	33.0	0.8			
0.22	10.0	27.0	0.6	10.0	33.0	0.8	16.0	35.0	0.8			
0.33	10.5	33.0	0.6	14.0	33.0	0.8						
0.47	12.0	33.0	0.6	16.0	34.0	0.8						