

GENERAL TECHNICAL CHARACTERISTICS

Dielectric : Polypropylene film
 Construction : Extended double side metallized carrier film
 with internal series connection and metallized film
 Coating : Solvent resistant plastic case with resin sealing .
 Flame retardant execution (UL94V-0) .
 Leads: Tinned copper wire

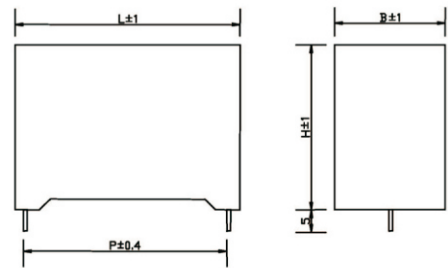


ELECTRICAL CHARACTERISTICS

Operating temperature range(case) : - 40 to + 85 °C
 Capacitance : 0.001 to 1.5µF
 Rated Voltage : 630 to 2000 Vdc
 Tolerance : ± 5%, ± 10%
 Dissipation factor : Measured at 1000±20 Hz AND 25±5°C.
 When Cr≤0.1µF, 3×10⁻⁴;
 When Cr>0.1µF, 4×10⁻⁴
 Life expectancy : 100,000 hours at Ur and 70 °C

TEST METHODS AND PERFORMANCES

Dielectric strength : 1.8Ur (DC) applied for 2s at 25±5°C
 (1 minute for type test)
 Test voltage terminal to case : 3 KV 50Hz for 60 sec
 Insulation resistance : 30, 000s but need not exceed 30GΩ (typical value),
 after 1 minute of electrification at 100Vdc (25±5°C)



Electrical specifications, ordering codes

Part Number	Cap (µF)	Dimension (mm)					du/dt (v/µs)
		L	B	H	P	d	
Ur 630Vdc, Urms 400Vac							
PTB-630-0.01	0.01	18.0	5.0	11.0	15.0	0.8	3300
PTB-630-0.015	0.015	18.0	5.0	11.0	15.0	0.8	3300
PTB-630-0.022	0.022	18.0	6.0	12.0	15.0	0.8	3300
PTB-630-0.033	0.033	18.0	7.5	13.5	15.0	0.8	3300
PTB-630-0.047	0.047	18.0	10.0	16.0	15.0	0.8	3300
PTB-630-0.047	0.047	26.5	6.0	15.0	22.5	0.8	2050
PTB-630-0.068	0.068	26.5	7.0	16.0	22.5	0.8	2050
PTB-630-0.10	0.10	26.5	8.5	17.0	22.5	0.8	2050
PTB-630-0.15	0.15	26.5	11.0	20.0	22.5	0.8	2050
PTB-630-0.15	0.15	31.0	11.0	20.0	27.5	0.8	1500
PTB-630-0.22	0.22	31.0	13.0	22.0	27.5	0.8	1500
PTB-630-0.33	0.33	31.0	15.0	24.5	27.5	0.8	1500
PTB-630-0.47	0.47	31.0	18.0	33.0	27.5	1.0	1500
PTB-630-0.47	0.47	42.5	17.0	28.0	37.5	1.0	950
PTB-630-0.68	0.68	31.0	18.0	33.0	27.5	1.0	1500
PTB 630-0.68	0.68	42.5	17.0	28.0	37.5	1.0	950
PTB-630-1.0	1.0	42.5	22.0	30.0	37.5	1.0	950
PTB-630-1.5	1.5	42.5	28.0	37.0	37.5	1.0	950
Ur 1000Vdc, Urms 600Vac							
PTB-1000-0.0047	0.0047	18.0	5.0	11.0	15.0	0.8	5500
PTB-1000-0.0068	0.0068	18.0	5.0	11.0	15.0	0.8	5500
PTB-1000-0.01	0.01	18.0	6.0	12.0	15.0	0.8	5500
PTB-1000-0.015	0.015	18.0	7.5	13.5	15.0	0.8	5500
PTB-1000-0.022	0.022	18.0	8.5	14.5	15.0	0.8	5500
PTB-1000-0.022	0.022	26.5	6.0	15.0	22.5	0.8	2600
PTB-1000-0.033	0.033	26.5	7.0	16.0	22.5	0.8	2600
PTB-1000-0.047	0.047	26.5	8.5	17.0	22.5	0.8	2600
PTB-1000-0.068	0.068	26.5	10.0	18.5	22.5	0.8	2600
PTB-1000-0.10	0.10	26.5	13.0	22.0	22.5	0.8	2600
PTB-1000-0.10	0.10	31.0	11.0	20.0	27.5	0.8	1850
PTB-1000-0.15	0.15	31.0	13.0	22.0	27.5	0.8	1850

Electrical specifications, ordering codes

Part Number	Cap (µF)	Dimension (mm)					du/dt (v/µs)
		L	B	H	P	d	
PTB-1000-0.22	0.22	31.0	15.0	24.5	27.5	0.8	1850
PTB-1000-0.33	0.33	31.0	18.0	33.0	27.5	1.0	1850
PTB-1000-0.33	0.33	42.5	15.0	26.0	37.5	1.0	1200
PTB-1000-0.47	0.47	42.5	17.0	28.0	37.5	1.0	1200
PTB-1000-0.68	0.68	42.5	22.0	30.0	37.5	1.0	1200
PTB-1000-1.0	1.0	42.5	28.0	37.0	37.5	1.0	1200
Ur 1600Vdc, Urms 650Vac							
PTB-1600-0.0022	0.0022	18.0	5.0	11.0	15.0	0.8	7500
PTB-1600-0.0033	0.0033	18.0	6.0	12.0	15.0	0.8	7500
PTB-1600-0.0047	0.0047	18.0	7.5	13.5	15.0	0.8	7500
PTB-1600-0.0068	0.0068	18.0	8.5	14.5	15.0	0.8	7500
PTB-1600-0.01	0.01	18.0	10.0	16.0	15.0	0.8	7500
PTB-1600-0.01	0.01	26.5	6.0	15.0	22.5	0.8	3800
PTB-1600-0.015	0.015	26.5	7.0	16.0	22.5	0.8	3800
PTB-1600-0.022	0.022	26.5	8.5	17.0	22.5	0.8	3800
PTB-1600-0.033	0.033	26.5	10.0	18.5	22.5	0.8	3800
PTB-1600-0.047	0.047	26.5	13.0	22.0	22.5	0.8	3800
PTB-1600-0.047	0.047	31.0	11.0	20.0	27.5	0.8	2700
PTB-1600-0.068	0.068	31.0	13.0	22.0	27.5	0.8	2700
PTB-1600-0.10	0.10	31.0	17.0	28.0	27.5	0.8	2700
PTB-1600-0.15	0.15	31.0	18.0	33.0	27.5	1.0	2700
PTB-1600-0.15	0.15	42.5	15.0	26.0	37.5	1.0	1700
PTB-1600-0.22	0.22	42.5	17.0	28.0	37.5	1.0	1700
PTB-1600-0.33	0.33	42.5	22.0	30.0	37.5	1.0	1700
PTB-1600-0.47	0.47	42.5	28.0	37.0	37.5	1.0	1700
Ur 2000Vdc, Urms 700Vac							
PTB-2000-0.0010	0.0010	18.0	5.0	11.0	15.0	0.8	9000
PTB-2000-0.0015	0.0015	18.0	5.0	11.0	15.0	0.8	9000
PTB-2000-0.0022	0.0022	18.0	6.0	12.0	15.0	0.8	9000
PTB-2000-0.0033	0.0033	26.5	6.0	15.0	22.5	0.8	6200
PTB-2000-0.0047	0.0047	26.5	6.0	15.0	22.5	0.8	6200
PTB-2000-0.0068	0.0068	18.0	10.0	16.0	15.0	0.8	9000
PTB-2000-0.0068	0.0068	26.5	6.0	15.0	22.5	0.8	6200
PTB-2000-0.01	0.01	26.5	8.5	17.0	22.5	0.8	6200
PTB-2000-0.015	0.015	26.5	10.0	18.5	22.5	0.8	6200
PTB-2000-0.022	0.022	26.5	13.0	22.0	22.5	0.8	6200
PTB-2000-0.022	0.022	31.0	11.0	20.0	27.5	0.8	4200
PTB-2000-0.033	0.033	31.0	13.0	22.0	27.5	0.8	4200
PTB-2000-0.047	0.047	31.0	15.0	24.5	27.5	0.8	4200
PTB-2000-0.068	0.068	31.0	14.0	28.0	27.5	0.8	4200
PTB-2000-0.10	0.10	31.0	18.0	33.0	27.5	1.0	4200
PTB-2000-0.10	0.10	42.5	15.0	26.0	37.5	1.0	2600
PTB-2000-0.15	0.15	42.5	22.0	30.0	37.5	1.0	2600
PTB-2000-0.22	0.22	42.5	28.0	37.0	37.5	1.0	2600
PTB-2000-0.33	0.33	42.5	28.0	37.0	37.5	1.0	2600

How to Order:

PTB-1000-0.22-27.5 L

