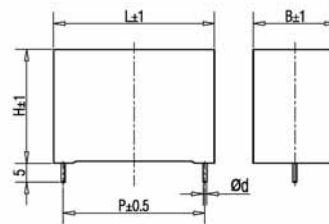


GENERAL TECHNICAL CHARACTERISTICS

Reference standards : IEC 61071-60068
 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 (case) : - 40 to + 85 °C
 Capacitance : 0.001 to 1.5µF
 Rated Voltage : 630 to 2000 VDC
 Tolerance : ± 5% , ± 10%
 Dissipation factor: ≤ 4×10⁻⁴ Measured at 1000±20Hz and 25±5°C .
 Life expectancy : 100,000 hours at Un and 70 °C(Hot-spot temperature)

TEST METHODS AND PERFORMANCES

Dielectric strength: 1.5Un applied for 10s at 25±5°C
 Test voltage terminal to case : 3kVAC/50Hz for 60s
 Insulation resistance : 30000s but need not exceed 30GΩ,
 (typical value), after 1 minute of electrification at 100Vdc (25±5°C)

ORDERING CODE

Please refer to Page 8, item C

Electrical specifications, ordering codes

Ordering Code	Cap (µF)	Dimension (mm)					du/dt (v/µs)
		L	B	H	P	d	
Un 630VDC , Urms 400VAC							
STB-630-0.010-15.0#	0.010	18.0	5.0	11.0	15.0	0.8	3300
STB-630-0.015-15.0#	0.015	18.0	5.0	11.0	15.0	0.8	3300
STB-630-0.022-15.0#	0.022	18.0	6.0	12.0	15.0	0.8	3300
STB-630-0.033-15.0#	0.033	18.0	7.5	13.5	15.0	0.8	3300
STB-630-0.047-15.0#	0.047	18.0	10.0	16.0	15.0	0.8	3300
STB-630-0.047-22.5#	0.047	26.5	6.0	15.0	22.5	0.8	2050
STB-630-0.068-22.5#	0.068	26.5	7.0	16.0	22.5	0.8	2050
STB-630-0.10-22.5#	0.10	26.5	8.5	17.0	22.5	0.8	2050
STB-630-0.15-22.5#	0.15	26.5	11.0	20.0	22.5	0.8	2050
STB-630-0.15-27.5#	0.15	31.0	11.0	20.0	27.5	0.8	1500
STB-630-0.22-27.5#	0.22	31.0	13.0	22.0	27.5	0.8	1500
STB-630-0.33-27.5#	0.33	31.0	15.0	24.5	27.5	0.8	1500
STB-630-0.47-27.5#	0.47	31.0	18.0	33.0	27.5	1.0	1500
STB-630-0.47-37.5#	0.47	42.5	17.0	28.0	37.5	1.0	950
STB-630-0.68-27.5#	0.68	31.0	18.0	33.0	27.5	1.0	1500
STB-630-0.68-37.5#	0.68	42.5	17.0	28.0	37.5	1.0	950
STB-630-1.0-37.5#	1.0	42.5	22.0	30.0	37.5	1.0	950
STB-630-1.5-37.5#	1.5	42.5	28.0	37.0	37.5	1.0	950
Un 1000VDC , Urms 600VAC							
STB-1000-0.0047-15.0#	0.0047	18.0	5.0	11.0	15.0	0.8	5500
STB-1000-0.0068-15.0#	0.0068	18.0	5.0	11.0	15.0	0.8	5500
STB-1000-0.010-15.0#	0.010	18.0	6.0	12.0	15.0	0.8	5500
STB-1000-0.015-15.0#	0.015	18.0	7.5	13.5	15.0	0.8	5500
STB-1000-0.022-15.0#	0.022	18.0	8.5	14.5	15.0	0.8	5500
STB-1000-0.022-22.5#	0.022	26.5	6.0	15.0	22.5	0.8	2600
STB-1000-0.033-22.5#	0.033	26.5	7.0	16.0	22.5	0.8	2600

Electrical specifications, ordering codes

Ordering Code	Cap (μ F)	Dimension (mm)					du/dt (v/ μ s)
		L	B	H	P	d	
Un 1000VDC , Urms 600VAC							
STB-1000-0.047-22.5#	0.047	26.5	8.5	17.0	22.5	0.8	2600
STB-1000-0.068-22.5#	0.068	26.5	10.0	18.5	22.5	0.8	2600
STB-1000-0.10-22.5#	0.10	26.5	13.0	22.0	22.5	0.8	2600
STB-1000-0.10-27.5#	0.10	31.0	11.0	20.0	27.5	0.8	1850
STB-1000-0.15-27.5#	0.15	31.0	13.0	22.0	27.5	0.8	1850
STB-1000-0.22-27.5#	0.22	31.0	15.0	24.5	27.5	0.8	1850
STB-1000-0.33-27.5#	0.33	31.0	18.0	33.0	27.5	1.0	1850
STB-1000-0.33-37.5#	0.33	42.5	15.0	26.0	37.5	1.0	1200
STB-1000-0.47-37.5#	0.47	42.5	17.0	28.0	37.5	1.0	1200
STB-1000-0.68-37.5#	0.68	42.5	22.0	30.0	37.5	1.0	1200
STB-1000-1.0-37.5#	1.0	42.5	28.0	37.0	37.5	1.0	1200
Un 1600VDC , Urms 650VAC							
STB-1600-0.0022-15.0#	0.0022	18.0	5.0	11.0	15.0	0.8	7500
STB-1600-0.0033-15.0#	0.0033	18.0	6.0	12.0	15.0	0.8	7500
STB-1600-0.0047-15.0#	0.0047	18.0	7.5	13.5	15.0	0.8	7500
STB-1600-0.0068-15.0#	0.0068	18.0	8.5	14.5	15.0	0.8	7500
STB-1600-0.010-15.0#	0.010	18.0	10.0	16.0	15.0	0.8	7500
STB-1600-0.010-22.5#	0.010	26.5	6.0	15.0	22.5	0.8	3800
STB-1600-0.015-22.5#	0.015	26.5	7.0	16.0	22.5	0.8	3800
STB-1600-0.022-22.5#	0.022	26.5	8.5	17.0	22.5	0.8	3800
STB-1600-0.033-22.5#	0.033	26.5	10.0	18.5	22.5	0.8	3800
STB-1600-0.047-22.5#	0.047	26.5	13.0	22.0	22.5	0.8	3800
STB-1600-0.047-27.5#	0.047	31.0	11.0	20.0	27.5	0.8	2700
STB-1600-0.068-27.5#	0.068	31.0	13.0	22.0	27.5	0.8	2700
STB-1600-0.10-27.5#	0.10	31.0	17.0	28.0	27.5	1.0	2700
STB-1600-0.15-27.5#	0.15	31.0	18.0	33.0	27.5	1.0	2700
STB-1600-0.15-37.5#	0.15	42.5	15.0	26.0	37.5	1.0	1700
STB-1600-0.22-37.5#	0.22	42.5	17.0	28.0	37.5	1.0	1700
STB-1600-0.33-37.5#	0.33	42.5	22.0	30.0	37.5	1.0	1700
STB-1600-0.47-37.5#	0.47	42.5	28.0	37.0	37.5	1.0	1700
Un 2000VDC , Urms 700VAC							
STB-2000-0.0010-15.0#	0.0010	18.0	5.0	11.0	15.0	0.8	9000
STB-2000-0.0015-15.0#	0.0015	18.0	5.0	11.0	15.0	0.8	9000
STB-2000-0.0022-15.0#	0.0022	18.0	6.0	12.0	15.0	0.8	9000
STB-2000-0.0033-22.5#	0.0033	26.5	6.0	15.0	22.5	0.8	6200
STB-2000-0.0047-22.5#	0.0047	26.5	6.0	15.0	22.5	0.8	6200
STB-2000-0.0068-15.0#	0.0068	18.0	10.0	16.0	15.0	0.8	9000
STB-2000-0.0068-22.5#	0.0068	26.5	6.0	15.0	22.5	0.8	6200
STB-2000-0.010-22.5#	0.010	26.5	8.5	17.0	22.5	0.8	6200
STB-2000-0.015-22.5#	0.015	26.5	10.0	18.5	22.5	0.8	6200
STB-2000-0.022-22.5#	0.022	26.5	13.0	22.0	22.5	0.8	6200
STB-2000-0.022-27.5#	0.022	31.0	11.0	20.0	27.5	0.8	4200
STB-2000-0.033-27.5#	0.033	31.0	13.0	22.0	27.5	0.8	4200
STB-2000-0.047-27.5#	0.047	31.0	15.0	24.5	27.5	0.8	4200
STB-2000-0.068-27.5#	0.068	31.0	14.0	28.0	27.5	0.8	4200
STB-2000-0.10-27.5#	0.10	31.0	18.0	33.0	27.5	1.0	4200
STB-2000-0.10-37.5#	0.10	42.5	15.0	26.0	37.5	1.0	2600
STB-2000-0.15-37.5#	0.15	42.5	22.0	30.0	37.5	1.0	2600
STB-2000-0.22-37.5#	0.22	42.5	28.0	37.0	37.5	1.0	2600
STB-2000-0.33-37.5#	0.33	42.5	28.0	37.0	37.5	1.0	2600