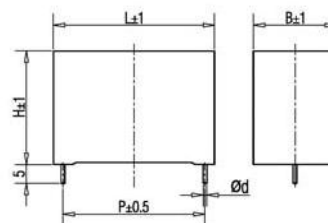




XSB series / High Pulse

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: $\leq 4 \times 10^{-4}$ 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)

Electrical specifications, ordering codes

Cap (µF)	Dimension (mm)					du/dt (v/µs)	Ordering Code
	L	B	H	P	d		
Un 630VDC , Urms 400VAC							
0.047	26.5	6.0	15.0	22.5	0.8	2050	XSB-630-0.047-2T#
0.068	26.5	7.0	16.0	22.5	0.8	2050	XSB-630-0.068-2T#
0.10	26.5	8.5	17.0	22.5	0.8	2050	XSB-630-0.10-2T #
0.15	26.5	11.0	20.0	22.5	0.8	2050	XSB-630-0.15-2T #
0.15	31.0	11.0	20.0	27.5	0.8	1500	XSB-630-0.15-2V#
0.22	31.0	13.0	22.0	27.5	0.8	1500	XSB-630-0.22-2V #
0.33	31.0	15.0	24.5	27.5	0.8	1500	XSB-630-0.33-2V #
0.47	31.0	18.0	33.0	27.5	1.0	1500	XSB-630-0.47-2V #
0.47	42.5	17.0	28.0	37.5	1.0	950	XSB-630-0.47-2F#
0.68	31.0	18.0	33.0	27.5	1.0	1500	XSB-630-0.68-2V#
0.68	42.5	17.0	28.0	37.5	1.0	950	XSB-630-0.68-2F#
1.0	42.5	22.0	30.0	37.5	1.0	950	XSB-630-1.0-2F#
1.5	42.5	28.0	37.0	37.5	1.0	950	XSB-630-1.5-2F#
Un 1000VDC , Urms 600VAC							
0.022	26.5	6.0	15.0	22.5	0.8	2600	XSB-1000-0.022-2T#
0.033	26.5	7.0	16.0	22.5	0.8	2600	XSB-1000-0.033-2T #
0.047	26.5	8.5	17.0	22.5	0.8	2600	XSB-1000-0.047-2T #
0.068	26.5	10.0	18.5	22.5	0.8	2600	XSB-1000-0.068-2T #
0.10	26.5	13.0	22.0	22.5	0.8	2600	XSB-1000-0.10-2T #
0.10	31.0	11.0	20.0	27.5	0.8	1850	XSB-1000-0.10-2V#
0.15	31.0	13.0	22.0	27.5	0.8	1850	XSB-1000-0.15-2V #
0.22	31.0	15.0	24.5	27.5	0.8	1850	XSB-1000-0.22-2V #
0.33	31.0	18.0	33.0	27.5	1.0	1850	XSB-1000-0.33-2V #
0.33	42.5	15.0	26.0	37.5	1.0	1200	XSB-1000-0.33-2F#
0.47	42.5	17.0	28.0	37.5	1.0	1200	XSB-1000-0.47-2F#
0.68	42.5	22.0	30.0	37.5	1.0	1200	XSB-1000-0.68-2F#
1.0	42.5	28.0	37.0	37.5	1.0	1200	XSB-1000-1.0-2F#
Un 1600VDC , Urms 650VAC							
0.01	26.5	6.0	15.0	22.5	0.8	3800	XSB-1600-0.01-2T#
0.015	26.5	7.0	16.0	22.5	0.8	3800	XSB-1600-0.015-2T#

XSB Series – High Pulse



XSB series / High Pulse

Electrical specifications, ordering codes

Cap (μ F)	Dimension (mm)					du/dt (v/ μ s)	Ordering Code
	L	B	H	P	d		
Un 1600VDC , Urms 650VAC							
0.022	26.5	8.5	17.0	22.5	0.8	3800	XSB-1600-0.022-2T#
0.033	26.5	10.0	18.5	22.5	0.8	3800	XSB-1600-0.033-2T #
0.047	26.5	13.0	22.0	22.5	0.8	3800	XSB-1600-0.047-2T #
0.047	31.0	11.0	20.0	27.5	0.8	2700	XSB-1600-0.047-2V #
0.068	31.0	13.0	22.0	27.5	0.8	2700	XSB-1600-0.068-2V #
0.10	31.0	17.0	28.0	27.5	1.0	2700	XSB-1600-0.10-2V #
0.15	31.0	18.0	33.0	27.5	1.0	2700	XSB-1600-0.15-2V #
0.15	42.5	15.0	26.0	37.5	1.0	1700	XSB-1600-0.15-2F#
0.22	42.5	17.0	28.0	37.5	1.0	1700	XSB-1600-0.22-2F #
0.33	42.5	22.0	30.0	37.5	1.0	1700	XSB-1600-0.33-2F #
0.47	42.5	28.0	37.0	37.5	1.0	1700	XSB-1600-0.47-2F #
Un 2000VDC , Urms 700VAC							
0.0033	26.5	6.0	15.0	22.5	0.8	6200	XSB-2000-0.0033-2T #
0.0047	26.5	6.0	15.0	22.5	0.8	6200	XSB-2000-0.0047-2T #
0.0068	26.5	6.0	15.0	22.5	0.8	6200	XSB-2000-0.0068-2T #
0.01	26.5	8.5	17.0	22.5	0.8	6200	XSB-2000-0.01-2T #
0.015	26.5	10.0	18.5	22.5	0.8	6200	XSB-2000-0.015-2T #
0.022	26.5	13.0	22.0	22.5	0.8	6200	XSB-2000-0.022-2T #
0.022	31.0	11.0	20.0	27.5	0.8	4200	XSB-2000-0.022-2V#
0.033	31.0	13.0	22.0	27.5	0.8	4200	XSB-2000-0.033-2V #
0.047	31.0	15.0	24.5	27.5	0.8	4200	XSB-2000-0.047-2V #
0.068	31.0	14.0	28.0	27.5	0.8	4200	XSB-2000-0.068-2V #
0.10	31.0	18.0	33.0	27.5	1.0	4200	XSB-2000-0.10-2V #
0.10	42.5	15.0	26.0	37.5	1.0	2600	XSB-2000-0.10-2F#
0.15	42.5	22.0	30.0	37.5	1.0	2600	XSB-2000-0.15-2F #
0.22	42.5	28.0	37.0	37.5	1.0	2600	XSB-2000-0.22-2F #
0.33	42.5	28.0	37.0	37.5	1.0	2600	XSB-2000-0.33-2F #

XSB -	1600-	0.047 -	2T#
Series	Voltage	Capacitance	Dimension and terminal

- 2** Leads Style, for 2 leads,
- T** Lead Pitch , T for 22.5mm, V for 27.5
F for 37.5mm ,
- #** Lead length, none for 5mm, L for 30mm

XSB Series – High Pulse