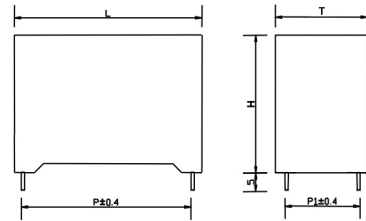


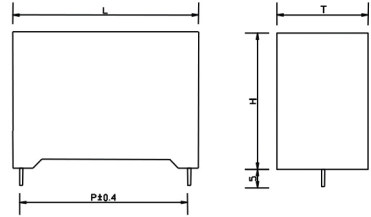
GENERAL TECHNICAL CHARACTERISTICS

Reference standards : IEC 61071
 Climatic category: 40/85/56
 Dielectric : Polypropylene film
 Construction : Double-side metallized carrier film
 Features: Low ESR, Low Ls, high du/dt
 Case : Polyester tape wrapping, UL94V0
 Leads: Tinned copper wire, 2 leads, 4 leads, 6 leads



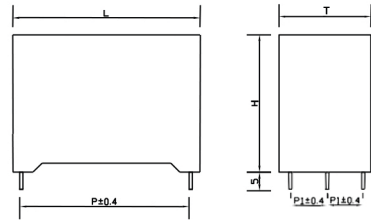
ELECTRICAL CHARACTERISTICS

Working temperature : -40 to + 85°C(max hotspots≤70°C)
 Storage temperature : -40 to + 85°C
 Capacitance : 0.0047 to 5.6μF
 Rated Voltage: 700 to 3000 Vdc
 Dissipation factor: <0.0005(1K Hz 20± 5°C)
 Tolerance : ± 5%(J) ± 10%(K)
 Life expectancy : 100,000 hours at Un and 70°C



TEST METHODS AND PERFORMANCES

Insulation resistance : 30,000s but need not exceed 30GΩ after 1 minute of electrification at 100Vdc (25±5°C)
 Test voltage terminal to case : 3 KV 50Hz for 60 sec
 Dielectric strength: 2Ur (DC) applied for 10s at 25±5°C



Electrical specifications, ordering codes

Part Number	CAP μF	Dimension (mm)					du/dt v/μs	Ipeak A	Irms max@25°C @10kHz	ESR @10kHz (mΩ)
		L	T	H	P	d				
Ur 1200Vdc Urms 500Vac, Upk 1600Vdc										
HSB1200K0.047#	0.047	26.5	8.5	17.0	22.5	0.8	1500	70.5	3.5	17.0
HSB1200K0.068#	0.068	26.5	10.0	18.5	22.5	0.8	1500	102	4.0	13.0
HSB1200K0.068#	0.068	31.0	9.0	18.0	27.5	0.8	1200	81.6	4.0	14.2
HSB1200K0.1#	0.1	26.5	12.0	22.0	22.5	0.8	1500	150	5.5	10.1
HSB1200K0.1#	0.1	31.0	11.0	20.0	27.5	0.8	1200	81.6	5.5	10.5
HSB1200K0.15#	0.15	31.0	13.0	22.0	27.5	1.0	1200	180	7.0	8.5
HSB1200K0.22#	0.22	31.0	15.0	24.5	27.5	1.0	1200	264	9.0	7.1
HSB1200K0.33#	0.33	31.0	18.0	33.0	27.5	1.2	1200	396	12.0	5.5
HSB1200K0.33#	0.33	43.5	15.0	26.0	37.5	1.2	850	280.5	12.0	5.5
HSB1200K0.47#	0.47	43.5	17.0	28.0	37.5	1.2	850	399.5	12.5	4.8
HSB1200K0.68#	0.68	43.5	22.0	30.0	37.5	1.2	850	578	14.0	4.0
HSB1200K1.0#	1.0	43.5	28.0	37.0	37.5	1.2	850	850	14.0	3.5
HSB1200K1.5#	1.5	43.5	30.0	45.0	37.5	1.2	850	1275	14.0	2.8
HSB1200K2.0#	2.0	57.5	30.0	45.0	52.5	1.2	450	900	14.0	3.0
HSB1200K2.2#	2.2	57.5	30.0	50.0	52.5	1.2	450	990	14.0	2.8
HSB1200K3.0#	3.0	57.5	35.0	50.0	52.5	1.2	450	1350	14.0	2.4

Part Numbering System: HSB1600K0.47-EC

"E " = "E(2leads) 'F(4leads)' H(6leads).. "

"C " = "A(P=22.5) ' B(P=27.5)' C(P=37.5) ' D(P=52.5).. "