

POSCAP TPB series B2-size

[Features]

1. New size : B2-size (3.5 x 2.8 x 1.9)
2. Large capacitance (33uF to 100uF)
3. **Low ESR (55 to 70mΩ max.)**
4. High ripple current capability (1,100 to 1,200mA rms max.)

[Characteristics List]

SANYO Part Number	Rated Voltage (V. DC)	Rated Capacitance (uF) *1	Dissipation factor (% max.) *1	Leakage current (uA max.) *2	E.S.R. (mΩ max.) 100kHz *3	Maximum allowable ripple current (mA rms) 100kHz *4
2R5TPB100M	2.5	100	8.0	25.0	70	1100
4TPB68M	4.0	68	8.0	27.2	70	1100
4TPB100M	4.0	100	8.0	40.0	70	1100
6TPB47M	6.3	47	8.0	29.6	70	1100
6TPB68M	6.3 (*5)	68	8.0	42.8	70	1100
6TPB100MA	6.3 (*5)	100	8.0	63.0	55	1200
8TPB33M	8.0	33	8.0	26.4	70	1100
10TPB33M	10.0	33	8.0	33.0	70	1100

*1 : 120Hz, +20°C *2 : After 5 minutes *3 : 100kHz, +20°C *4 : 100k to 500kHz, 45°C

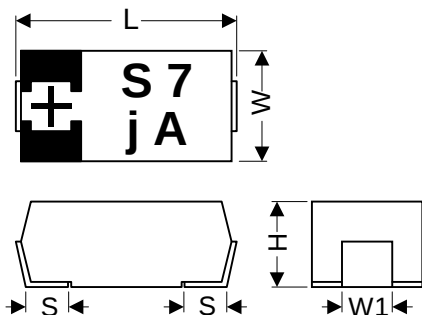
*5 : Rated temp.=85°C, Category temp.=105°C, Category voltage =5.0V

[Specifications]

Operating temperature range (degrees C)			-55 to +105	
Capacitance tolerance (120Hz/20 degrees C)			M : +/-20 %	
Temperature characteristics (Impedance ratio at 100kHz)	-55deg.C	Z/Z20deg.C	1.0 to 2.0	
	105deg.C	Z/Z20deg.C	0.6 to 1.0	
High temperature load (105deg.C, 1,000Hrs., Rated voltage applied *)			△ C/C	Within +/-20 %
			L.C.	=< The initial standard
Moisture resistance (60deg.C, 90%RH, 500Hrs., No voltage applied)			△ C/C	Within +40 %, -20 % of the initial value
			L.C.	=< 3 times the initial standard

* : In the case of 6TPB68M, 6TPB100M, Category voltage (5.0V) applied

[Dimensions (unit:mm)]



Size code	L (+/-0.2)	W (+/-0.2)	H (+/-0.1)	S (+/-0.2)	W1 (+/-0.1)
B2	3.5	2.8	1.9	0.8	2.2

[Size List]

WV (SV) uF	2.5 (3.2)	4.0 (5.0)	6.3 (8.0)	8.0 (10.0)	10.0 (13.0)
33				B2	B2
47			B2		
68		B2	B2		
100	B2	B2	B2		

Red character : M.P. Dec. 2001

(We will ship the samples from Nov, 2001.)

Blue character : M.P. Jan. 2002

(We will ship the samples from Dec, 2001.)