

TPB series characteristics list

Size code	Part number	Rated voltage (V)	Rated temperature (°C)	Rated capacitance (μF)	Category voltage (V)	Category temperature (°C)	DF (% max)	LC (μA) max/5min.	ESR (mΩ max) 100kHz/20°C	Maximum allowable ripple current (mA rms) 100kHz※1	MSL	
											Reflow temp. ≤ 260°C	Reflow temp. ≤ 250°C
B2	10TPB47M	10	105	47	10	105	8.0	47.0	70	1100	3	3
	10TPB33M	10	105	33	10	105	8.0	33.0	70	1100	3	3
	6TPB68M	6.3	105	68	6.3	105	8.0	42.8	70	1100	3	3
	4TPB68M	4.0	105	68	4.0	105	8.0	27.2	70	1100	3	3
D3L	10TPB220ML	10	105	220	10	105	10	220.0	40	2000	—	2a
	10TPB150ML	10	105	150	10	105	10	150.0	40	2000	3	2a
	6TPB330ML	6.3	105	330	6.3	105	10	207.9	40	2000	3	2a
	6TPB330MAL	6.3	85	330	5.0	105	10	207.9	40	2000	3	2a
	6TPB220ML	6.3	105	220	6.3	105	10	138.6	40	2000	3	2a
	4TPB330ML	4.0	105	330	4.0	105	10	132.0	40	2000	3	2a
D4	10TPB330M	10	105	330	10	105	10	330.0	35	3000	—	2a
	10TPB220M	10	105	220	10	105	10	220.0	40	3000	3	2a
	6TPB470M	6.3	105	470	6.3	105	15	296.1	35	3000	3	2a
	6TPB330M	6.3	105	330	6.3	105	10	207.9	40	3000	3	2a

※1 100k to 500kHz, 45°C