

POSCAP Line-up table Tantalum Solid Capacitors with Conductive Polymer

Classification	Series	Page	Features	Small size · Low profile	High capacitance	Low ESR	Low ESL	High voltage	High reliability	Size code	Category temperature range (°C)	Rated voltage range (V.DC)	Capacitance range (μF)	L×W (mm)	H (mm)		
				●	●	●	●	●	●								
Conductive polymer electrolyte	SMD type	TPSF	86	Low ESR · Small size High capacitance Face down terminal	●	●	●			B2S	-55 to +105	2.0 to 10	62 to 270	3.5×2.8	1.9		
		TPU	87	Small size Low profile Face down terminal	●					S09	-55 to +85	2.5 to 10	4.7 to 47	2.0×1.25	0.9		
										S11	-55 to +85	2.5 to 6.3	33 to 68	2.0×1.25	1.1		
										A09	-55 to +85	2.5 to 10	33 to 100	3.2×1.6	0.9		
										B09	-55 to +85	6.3	150	3.5×2.8	0.9		
		TPL TPLF	88 to 89	Low ESR Low ESL Face down terminal							D12T	-55 to +105	2.0 to 6.3	100 to 220	7.3×4.3	1.1	
											D15T	-55 to +105	2.5 to 6.3	150 to 330	7.3×4.3	1.4	
											D2T	-55 to +105	2.0 to 2.5	220 to 560	7.3×4.3	1.8	
		TPF	90	Low ESR High capacitance							D3L	-55 to +105	2.5 to 10	150 to 680	7.3×4.3	2.8	
											D2E	-55 to +105	2.0	220 to 330	7.3×4.3	1.8	
		TPG	91	Small size Low profile High capacitance								B15G	-55 to +105	4.0 to 6.3	150 to 220	3.5×2.8	1.4
												B1G	-55 to +105	2.5 to 12.5	33 to 220	3.5×2.8	1.1
		TPE	92 to 95	Low ESR								B2	-55 to +105	2.0 to 10	47 to 330	3.5×2.8	1.9
												C2	-55 to +105	2.5 to 8.0	100 to 330	6.0×3.2	1.8
												C3	-55 to +105	6.3 to 10	150 to 220	6.0×3.2	2.5
												D2E	-55 to +105	2.0 to 10	68 to 470	7.3×4.3	1.8
												D3L	-55 to +105	2.5 to 10	220 to 680	7.3×4.3	2.8
												D4	-55 to +105	2.5 to 10	330 to 1,500	7.3×4.3	3.8
		TPB	96 to 97	Standard								B2	-55 to +105	2.5 to 10	33 to 150	3.5×2.8	1.9
												C	-55 to +105	2.5 to 10	47 to 220	6.0×3.2	2.8
D3L	-55 to +105											4.0 to 10	100 to 330	7.3×4.3	2.8		
D4	-55 to +105											6.3 to 10	220 to 470	7.3×4.3	3.8		

