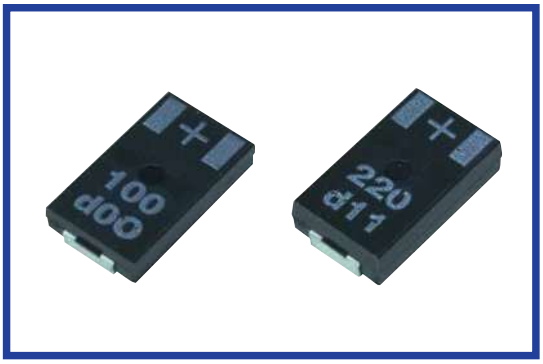
SXB/SXE SERIES

SLE/SZE SERIES



◆FEATURES

SXB:Standard
SXE:Low ESR
SLE:Low Profile,Low ESR
SZE:Low Profile,Ultra Low ESR
・RoHS Compliance
・Lead free reflow soldering is available(260℃,10sec):(Available for MSL3)

◆SPECIFICATIONS

Series		SXB	SXE	SLE	SZE
		1.9mm		1.4mm	
Temperature Range(℃)		−55～+105℃			
Rated Voltage Range(V.DC)		2～10	2～6.3	2～6.3	2、2.5
Capacitance Range(μF)		22～220	33～220	47～100	100～150
Capacitance Tolerance(20℃ , 120Hz)		±20%			
Leakage Current(μA/after 5 minutes)		≦0.04CV			
Dissipation Factor(20℃ , 120Hz)(tanδ)		≦0.1			
Equivalent Series Resistance(ESR) (mΩ/20℃ , 100kHz)		13～30	7～9	9	5
Maximum Allowable Ripple Current(mA r.m.s/100kHz)		1,600～ 3,000	3,000	3,000	3,000
Surge Voltage		Rated voltage ×1.25			
Endurance (105℃, 2000hrs, Rated Voltage applied)	ΔC	Within ±20% of the initial value			
	tanδ	≦200% of initial specified value			
	LC	≦initial specified value			
Damp heat(Steady state) (60℃, 90%RH, 500hrs, No-applied voltage)	ΔC	Within −20～+40% of the initial value			Within −20～+60% of the initial value
	tanδ	≦200% of initial specified value			
	LC	≦300% of initial specified value			

◆STANDARD SIZE

Series	WV(V.DC)	Cap(μF)	Size(mm)			ESR (mΩ)	(mAr.m.s)	Part No.
			L	W	H			
SXB	2(d)	100	7.3	4.3	1.9	13	3,000	2SXB100M
		150	7.3	4.3	1.9	13	3,000	2SXB150M
		220	7.3	4.3	1.9	13	3,000	2SXB220M
	2.5(e)	82	7.3	4.3	1.9	13	3,000	2.5SXB82M
		100	7.3	4.3	1.9	13	3,000	2.5SXB100M
		120	7.3	4.3	1.9	13	3,000	2.5SXB120M
		150	7.3	4.3	1.9	13	3,000	2.5SXB150M
		180	7.3	4.3	1.9	13	3,000	2.5SXB180M
		220	7.3	4.3	1.9	13	3,000	2.5SXB220M
	4(g)	68	7.3	4.3	1.9	13	3,000	4SXB68M
		100	7.3	4.3	1.9	13	3,000	4SXB100M
		150	7.3	4.3	1.9	13	3,000	4SXB150M
	6.3(j)	22	7.3	4.3	1.9	13	3,000	6SXB22M
		33	7.3	4.3	1.9	13	3,000	6SXB33M
		47	7.3	4.3	1.9	13	3,000	6SXB47M
		68	7.3	4.3	1.9	13	3,000	6SXB68M
		100	7.3	4.3	1.9	18	3,000	6SXB100M
	8(k)	33	7.3	4.3	1.9	18	2,500	8SXB33M
		47	7.3	4.3	1.9	18	2,500	8SXB47M
	10(A)	22	7.3	4.3	1.9	30	1,600	10SXB22M
SXE	2(d)	100	7.3	4.3	1.9	9	3,000	2SXE100M
		150	7.3	4.3	1.9	9	3,000	2SXE150M
		180	7.3	4.3	1.9	9	3,000	2SXE180M
		220	7.3	4.3	1.9	9	3,000	2SXE220M
		220	7.3	4.3	1.9	7	3,000	2SXE220MR07
	2.5(e)	82	7.3	4.3	1.9	9	3,000	2.5SXE82M
		100	7.3	4.3	1.9	9	3,000	2.5SXE100M
		120	7.3	4.3	1.9	9	3,000	2.5SXE120M
		150	7.3	4.3	1.9	9	3,000	2.5SXE150M
		180	7.3	4.3	1.9	9	3,000	2.5SXE180M
		220	7.3	4.3	1.9	9	3,000	2.5SXE220M
		220	7.3	4.3	1.9	7	3,000	2.5SXE220MR07
	4(g)	68	7.3	4.3	1.9	9	3,000	4SXE68M
		82	7.3	4.3	1.9	9	3,000	4SXE82M
		100	7.3	4.3	1.9	9	3,000	4SXE100M
		120	7.3	4.3	1.9	9	3,000	4SXE120M
		150	7.3	4.3	1.9	9	3,000	4SXE150M
	6.3(j)	33	7.3	4.3	1.9	9	3,000	6SXE33M
		47	7.3	4.3	1.9	9	3,000	6SXE47M
		68	7.3	4.3	1.9	9	3,000	6SXE68M
		82	7.3	4.3	1.9	9	3,000	6SXE82M
		100	7.3	4.3	1.9	9	3,000	6SXE100M
SLE	2(d)	100	7.3	4.3	1.4	9	3,000	2SLE100M
	2.5(e)	82	7.3	4.3	1.4	9	3,000	2.5SLE82M
	4(g)	68	7.3	4.3	1.4	9	3,000	4SLE68M
	6.3(j)	47	7.3	4.3	1.4	9	3,000	6SLE47M
SZE	2(d)	100	7.3	4.3	1.4	5	3,000	2SZE100M
		150	7.3	4.3	1.4	5	3,000	2SZE150M
	2.5(e)	100	7.3	4.3	1.4	5	3,000	2.5SZE100M
		120	7.3	4.3	1.4	5	3,000	2.5SZE120M