



CONDUCTIVE POLYMER ALUMINUM SOLID ELECTROLYTIC CAPACITORS

SXB SXE SERIES

SLE SZE SERIES

◆ FEATURES

SXB:Standard

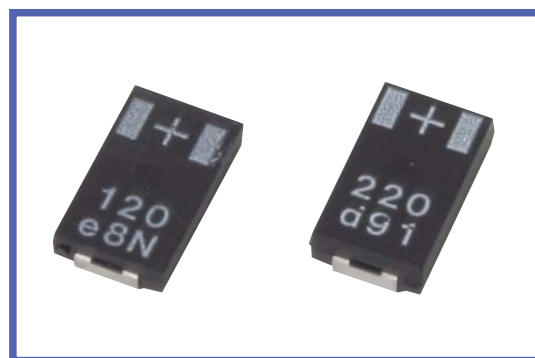
SXE:Low ESR

SLE:Low Profile,Low ESR

SZE:Low Profile,Ultra Low ESR

•RoHS Compliance

•Lead free reflow soldering is available(260°C,10sec):(Available for MSL3)



◆ SPECIFICATIONS

Series		SXB	SXE	SZE	SLE
		1.9mm		1.4mm	
Temperature Range(°C)		-55~+105°C			
Rated Voltage Range(V.DC)		2~8	2~6.3	2,2.5	2~8
Rated Cap Range(μF)		15~220	33~220	100~150	15~100
Capacitance Tolerance(20°C/120Hz)		± 20%			
Leakage Current(after 5 minutes)(μA)		≤ 0.04CV			
(Tanδ) Dissipation Factor(20°C/120Hz)		≤ 0.05			
Equivalent Series Resistance(ESR) (mΩ)(20°C/100kHz)		≤13 ≤18(8V)	≤ 9	≤ 5	≤ 9 13(8V)
Maximum Permissible Ripple Current(mA r.m.s)(100kHz)		3,000 2,500(8V)	3,000	3,000	3,000 2,700(8V)
Surge Voltage		Rated voltage X1.25			
Endurance (105°C, 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°C, 90%RH, 500hrs, No-applied voltage)	ΔC	Within -20~+40% of the initial value		-20%~ +60%	Within -20~+40% 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	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	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
	4	33	7.3	4.3	1.9	13	3,000	4SXB33M
		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	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	13	3,000	6SXB100M
	8	15	7.3	4.3	1.9	18	2,500	8SXB15M
		33	7.3	4.3	1.9	18	2,500	8SXB33M
		47	7.3	4.3	1.9	18	2,500	8SXB47M
SXE	2	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	2SXE220M R07
	2.5	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
		180	7.3	4.3	1.9	9	3,000	2.5SXE180M
	4	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	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
SZE	2	100	7.3	4.3	1.4	5	3,000	2SZE100M
		150	7.3	4.3	1.4	5	3,000	2SZE150M
	2.5	100	7.3	4.3	1.4	5	3,000	2.5SZE100M
		120	7.3	4.3	1.4	5	3,000	2.5SZE120M
SLE	2	100	7.3	4.3	1.4	9	3,000	2SLE100M
	2.5	82	7.3	4.3	1.4	9	3,000	2.5SLE82M
	4	68	7.3	4.3	1.4	9	3,000	4SLE68M
	6.3	47	7.3	4.3	1.4	9	3,000	6SLE47M
	8	15	7.3	4.3	1.4	13	2,700	8SLE15M