Surface Mount Type SP-Cap

Series: SR, LR, SS, LS, ST, LT

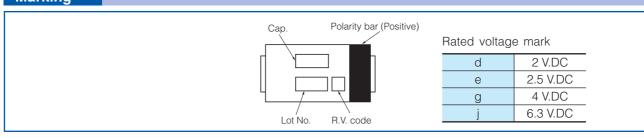


Features

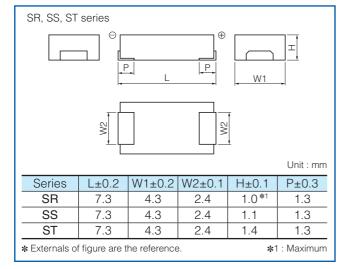
- Low profile (Height 1.0 mm max.)
- Low ESR (4.5 m Ω to 9 m Ω)
- Low ESL (3-terminals : 50% less then 2-terminals) [LR, LS, LT series]
- High ripple current (8500 mAr.m.s. max.)
- RoHS compliance, Halogen free

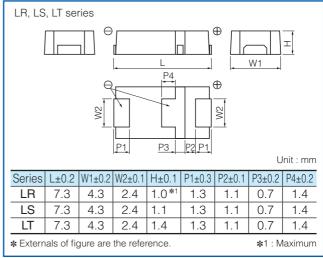
Specifications									
Series	SR I	_R	SS	LS	ST	LT			
Category temp. Range			−55 °C to +105 °C						
Rated voltage range	2 V.DC to 6.3 V.D	С	2 V.DC to 2.5 V.DC						
Nominal cap.Range	68 μF to 220μF		180 µF t	:o 220µF	270 µl	270 μF to 330 μF			
Capacitance tolerance			±20 % (120 Hz / + 20 °C)						
DC leakage current	I ≤ 0.1 CV (μA) 2 minutes ≤ 0.06 (120 Hz/+20 °C)								
Dissipation factor (tan δ)									
Surge voltage (V.DC)	Rated voltage × 1.25 (15 °C to 35 °C)								
	+105 °C, 2000 h, rated voltage applied								
Endurance	Capacitance change	ce change Within ±20 % of the initial value							
Lituulalice	tan δ	≤ 2 times of the initial limit							
	DC leakage current ≤ 3 times of the initial limit								
	+60 °C, 90 %, 500 h, No-applied voltage								
Damp heat	Capacitance change of	2 V.	DC to 2.5 V.DC	4 V.DC	;	6.3 V.DC			
(Steady state)	initial measurd value	+	70 %, –20 %	+60 %, -2	0 %	+50 %, -20 %			
(Oloddy State)	tan δ	≤ 2 times of the initial limit							
	DC leakage current	Within	the initial limit						

Marking



Dimensions (not to scale)





Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use Should a safety concern arise regarding this product, please be sure to contact us immediately 05 Nov. 2015



Conductive Polymer Aluminum Electrolytic Capacitors

Characteristics list

Reflow *3 <standard></standard>											
			Case size (mm)			Specification		The number			* ** **A
Series	Rated voltage (V.DC)	Capacitance (±20 %) (µF)	L	W	Н	*1 Ripple current (mAr.m.s.)	ESR $(m\Omega \max.)$	term 2	of inals 3	Part number	Min.*4 Packaging Q'ty (pcs)
	2	220	7.3	4.3	1.0 max.	7500	6	0		EEFSR0D221R	3500
			7.3	4.3	1.0 max.	8500	4.5	0		EEFSR0D221R4	3500
SR	2.5	180	7.3	4.3	1.0 max.	7500	6	0		EEFSR0E181R	3500
			7.3	4.3	1.0 max.	8500	4.5	0		EEFSR0E181R4	3500
	4	120	7.3	4.3	1.0 max.	6300	9	0		EEFSR0G121R	3500
	6.3	68	7.3	4.3	1.0 max.	6300	9	0		EEFSR0J680R	3500
	2	220	7.3	4.3	1.0 max.	7500	6		0	EEFLR0D221R	3500
			7.3	4.3	1.0 max.	8500	4.5		0	EEFLR0D221R4	3500
LR	2.5	180	7.3	4.3	1.0 max.	7500	6		0	EEFLR0E181R	3500
LH			7.3	4.3	1.0 max.	8500	4.5		0	EEFLR0E181R4	3500
	4	120	7.3	4.3	1.0 max.	6300	9		0	EEFLR0G121R	3500
	6.3	68	7.3	4.3	1.0 max.	6300	9		0	EEFLR0J680R	3500
SS	2	220	7.3	4.3	1.1	7500	6	0		EEFSS0D221R	3500
33	2.5	180	7.3	4.3	1.1	7500	6	0		EEFSS0E181R	3500
LS	2	220	7.3	4.3	1.1	7500	6		0	EEFLS0D221R	3500
	2.5	180	7.3	4.3	1.1	7500	6		0	EEFLS0E181R	3500
ST	2	330	7.3	4.3	1.4	7500	6	0		EEFST0D331R	3500
<u> </u>	2.5	270	7.3	4.3	1.4	7500	6	0		EEFST0E271R	3500
LT	2	330	7.3	4.3	1.4	7500	6		0	EEFLT0D331R	3500
LI	2.5	270	7.3	4.3	1.4	7500	6		0	EEFLT0E271R	3500

^{\$1:} Ripple current (100 kHz/ +45°C), $\,\$2:$ ESR (100 kHz/+20 °C)

Temperature compensation multipliers for ripple current								
Temp.	T ≦ 45 °C	45 °C < T ≦ 85 °C	85 °C < T ≦ 105 °C					
Coefficient	1.0	0.7	0.25					

^{*3:} Please refer to the page of "Mounting Specifications".

^{*4:} Please contact us when 500 pcs packing is necessary.



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