

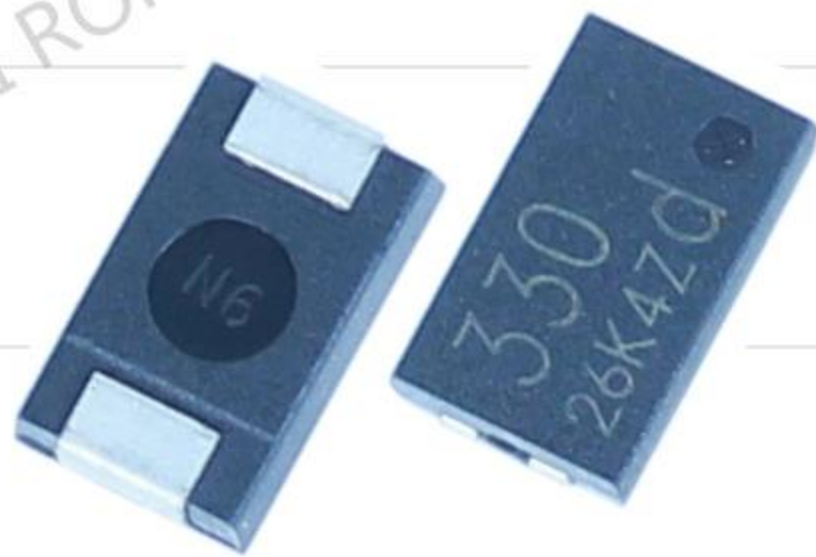
Surface Mount Type

Series:LX

Features

- Large capacitance (560 μF max.)
- Low ESR (4.5 mΩ, 6 mΩ)
- Low ESL (3-terminals : 50 % less than 2-terminals)
- High ripple current (8500 mAr.m.s. max.)
- RoHS compliance, Halogen free

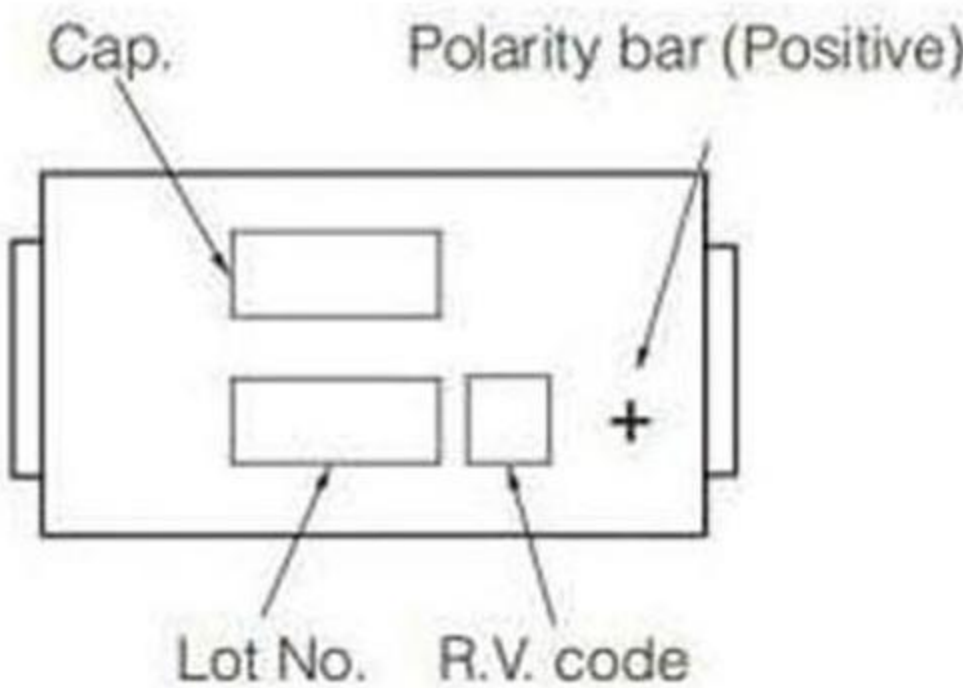
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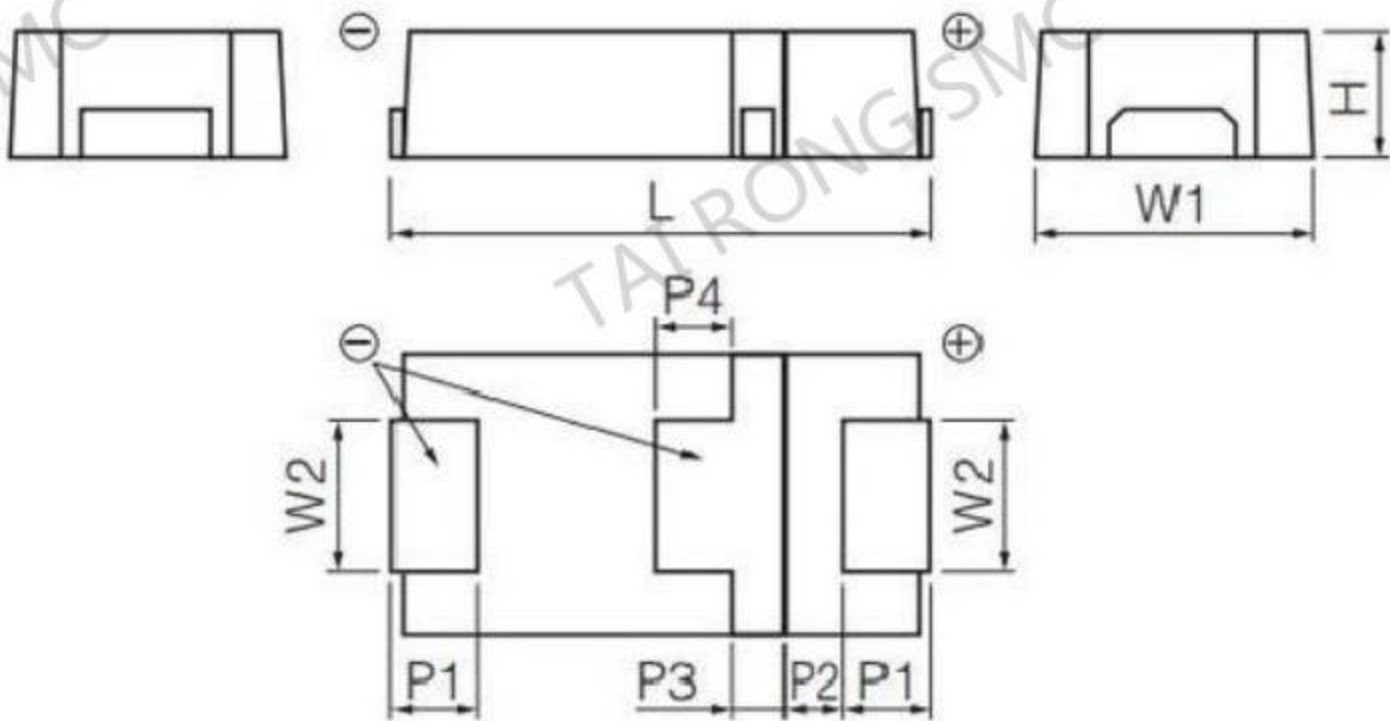
Specifications

Series	LX	
Category temp.range	-55℃ to+105℃	
Rated voltage range	2 V.DC to 2.5 V.DC	
Nominal cap.range	330 μF to 560 μF	
Capacitance tolerance	±20%(120 Hz/+20℃)	
DC leakage current	I≤0.1 CV(μA)2 minutes	
Dissipation factor (tan δ)	≤0.06(120 Hz/+20° C)	
Surge voltage(V.DC)	Rated voltage×1.25(15℃ to 35℃)	
Endurance	+105℃, 2000 h, rated voltage applied	
	Capacitance change	Within±20%of the initial value
	tan δ	≤2 times of the initial limit
	DC leakage current	≤3 times of the initial limit
Damp heat (Steady state)	+60℃, 90%, 500 h, No-applied voltage	
	Capacitance change of initial measurd value	2 V.DC to 2.5 V.DC
		+70%, -20%
	tan δ	≤2 times of the initial limit
	DC leakage current	Within the initial limit

Marking



Dimensions (not to scale)



Rated voltage mark		Unit:mm								
d	2 V. DC	Series	L±0.2	W1±0.2	W2±0.	H±0.1	P1±0.3	P2±0.	P3±0.2	P4±0.2
e	2.5 V. DC	LX	7.3	4.3	2.4	1.9	1.3	1.1	0.7	1.4

*Externals of figure are the reference.

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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.

07 Nov.2023

Characteristics list

Reflow*3									<Standard>
Series	Rated voltage (V. DC)	Capacitance (±20%) (μF)	Case size (mm)			Specification		Part number	Min.*4 Packaging Q' ty (pcs)
			L	W	H	*1 Ripple current (mAr. m. s.)	*2 ESR (m2 max.)		
LX	2	330	7.3	4.3	1.9	7500	6	EEFLX0D331R	3500
			7.3	4.3	1.9	8500	4.5	EEFLX0D331R4	3500
		470	7.3	4.3	1.9	7500	6	EEFLX0D471R	3500
			7.3	4.3	1.9	8500	4.5	EEFLX0D471R4	3500
		560	7.3	4.3	1.9	7500	6	EEFLX0D561R	3500
			7.3	4.3	1.9	8500	4.5	EEFLX0D561R4	3500
	2.5	330	7.3	4.3	1.9	7500	6	EEFLX0E331R	3500
			7.3	4.3	1.9	8500	4.5	EEFLX0E331R4	3500
		470	7.3	4.3	1.9	7500	6	EEFLX0E471R	3500
			7.3	4.3	1.9	8500	4.5	EEFLX0E471R4	3500

*1:Ripple current(100 kHz/+45℃),*2:ESR(100 kHz/+20℃)

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

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

Temperature compensation multipliers for ripple current			
Temp.	T≤45℃	45℃<T≤85℃	85℃<T≤105℃
Coefficient	1.0	0.7	0.25

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