



- Guaranteed at 85 °C 85 %RH
- Guaranteed at 125 °C
- RoHS compliance, Halogen free

Specifications

Items	Specifications		
Size code	D2E	D3L	
Category temperature range	-55 to +125 °C		
Rated voltage range	6.3 to 10 V.DC		
Rated capacitance range	68 to 150 μ F	150 μ F	
Capacitance tolerance	± 20 % (120 Hz/+20 °C)		
Leakage current	Please see the attached characteristics list		
Dissipation factor(tan δ)	Please see the attached characteristics list		
Surge voltage	Rated voltage x1.15		
Endurance	125 °C, 1,000 h, category voltage applied (105 °C 2,000 h, rated voltage applied)		
	temp	125	105
	Δ C/C	Within ± 20 % of the initial value	Within ± 20 % of the initial value
	DF	≤ 2 times of the initial limit	≤ 1.5 times of the initial limit
	LC	≤ 2 times of the initial limit	Within the initial limit
Damp heat (Steady State)	85 °C, 85 to 90 %RH, 500 h, rated voltage applied		
	Δ C/C	Within +40 %, -20 % of the initial value	
	DF	≤ 1.5 times of the initial limit	
	LC	Within the initial limit	

Marking and dimensions

(unit : mm)

Size code	L ± 0.3	W ± 0.2 ※1	H ± 0.2	S ± 0.2	W1 ± 0.1
D2E	7.3	4.3	1.8	1.3	2.4
D3L	7.3	4.3	2.8	1.3	2.4

※1 ± 0.1 : D2E

R. Voltage (V.DC)	6.3	10.0
Code	j	A

Characteristics list

Series	Rated voltage (V.DC)	Rated temp. (°C)	Category voltage (V.DC)	Category temp. (°C)	Rated capacitance (μ F)	Case size (mm)			Size code	Specifications				Standard	
						L	W	H		Maximum allowable ripple current (mA rms) 100 kHz ※1	ESR ※2 (m Ω max.)	tan δ ※3	LC ※4 (μ A)	Part number	Min. Packaging Qty (pcs)
TV	6.3	105	4.0	125	150	7.3	4.3	1.8	D2E	2400	25	0.10	94.5	6TVE150M	3000
		105	6.3	125	68	7.3	4.3	1.8	D2E	2400	25	0.10	68.0	10TVE68M	3000
	105	6.3	125	150	7.3	4.3	2.8	D3L	2400	25	0.10	150.0	10TVE150ML	2500	

※1: Ripple current (100 kHz/ +45 °C), ※2: ESR (100 kHz/+20 °C) ※3: tan δ (120 Hz/+20 °C) ※4: After 5 minutes

◆ Please refer to each page in this catalog for "Reflow conditions" and "Taping specifications".

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.