Surface Mount Type

Series: TE-L

LETCAP
SUPER LOW ESR TANTALUM

Japan



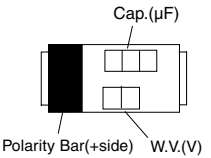
■ Features Low ESR

■ Specifications

Category temp. range	-55 to +125°C	
Rated W.V. Range	4 to 35 V .DC	
Nominal Cap. Range	6.8 to 330 µ F	
Capacitance Tolerance	±20 % (120Hz/+20°C)	
DC Leakage Current	I≦0.01CV or 0.5 (µA) after 2 minutes application of rated working voltage at 20°C. (Whichever is the greater)	
Dissipation Factor	Please see the attached standard products list	
Resistance to Soldering Heat	The capacitor shall withstand dipping into solder for 5±1 seconds at +260 ±5°C	
Moisture Resistance	After 500 hours exposure at +40°C and 90 to 95 % R.H. without load, the capacitor shall meet the following limits.	
	Capacitance change	±10% of initial measured value
	D.F.	≦ initial specified value
	DC leakage current	≦ initial specified value
Endurance	After 2000 hours application of rated DC working voltage at +85°C or derated voltage at +125°C, the capacitor shall meet the following limits.	
	Capacitance change	±10% of initial measured value
	D.F.	≦ initial specified value
	DC leakage current	≦125 % of initial specified value

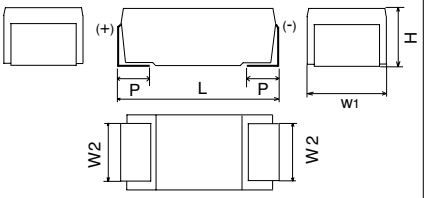
■ Marking

● Size C,D



(for 6.3W.V. abbreviated to 6 V)

■ Dimensions in mm (not to scale)



EIA code	Szde code	L±0.2	W1±0.2	W2±0.1	H±0.2	P±0.3
6032	C	6.0	3.2	2.2	2.5	1.3
7343	D	7.3	4.3	2.4	2.8	1.3

Each case side has different configuration of terminal.

■ Case size

Cap.(µF) \ W.V(V.DC)	4(0G)	6.3(0J)	10(1A)	16(1C)	20(1D)	25(1E)	35(1V)
6.8 (685)							C
10 (106)					C	C	D
15 (156)					C	D	D
22 (226)						D	D
33 (336)				C	D	D	
47 (476)			C	D			
68 (686)							
100 (107)	C	C	D				
150 (157)		D	D				
220 (227)	D	D					
330 (337)	D						

Note : 1. ( )shows W.V. and capacitance code.
2. When selecting W.V. see the page 210.
3. Other rating upon request (voltage, capacitance, tolerance, size)

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■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case Size L x W x H (mm)	Case Size Size Code	Specification D.F. (120Hz) (+20°C)	Specification L.C (μA)	Specification ESR (100kHz) (Ω)	Specification Ripple current (100kHz) (+20°C) (mA)	Part No.	Min. Packaging Q'ty Taping (pcs)
4	100	6.0x3.2x2.5	C	0.08	4.0	0.30	606	EEJL0GC107R	750
	220	7.3x4.3x2.8	D	0.12	8.8	0.10	1225	EEJL0GD227R	750
	330	7.3x4.3x2.8	D	0.14	13.2	0.10	1225	EEJL0GD337R	750
6.3	100	6.0x3.2x2.5	C	0.08	6.3	0.30	606	EEJL0JC107R	750
	150	7.3x4.3x2.8	D	0.08	9.5	0.10	1225	EEJL0JD157R	750
	220	7.3x4.3x2.8	D	0.12	13.9	0.10	1225	EEJL0JD227R	750
10	47	6.0x3.2x2.5	C	0.06	4.7	0.40	524	EEJL1AC476R	750
	100	7.3x4.3x2.8	D	0.08	10.0	0.10	1225	EEJL1AD107R	750
	150	7.3x4.3x2.8	D	0.10	15.0	0.10	1225	EEJL1AD157R	750
16	33	6.0x3.2x2.5	C	0.06	5.3	0.40	524	EEJL1CC336R	750
	47	7.3x4.3x2.8	D	0.06	7.6	0.15	1000	EEJL1CD476R	750
20	10	6.0x3.2x2.5	C	0.06	2.0	0.45	494	EEJL1DC106R	750
	15	6.0x3.2x2.5	C	0.06	3.0	0.45	494	EEJL1DC156R	750
	33	7.3x4.3x2.8	D	0.06	6.6	0.20	866	EEJL1DD336R	750
25	10	6.0x3.2x2.5	C	0.06	2.5	0.45	494	EEJL1EC106R	750
	15	7.3x4.3x2.8	D	0.06	3.8	0.25	775	EEJL1ED156R	750
	22	7.3x4.3x2.8	D	0.06	5.5	0.20	866	EEJL1ED226R	750
	33	7.3x4.3x2.8	D	0.08	8.3	0.20	866	EEJL1ED336R	750
35	6.8	6.0x3.2x2.5	C	0.06	2.4	0.60	428	EEJL1VC685R	750
	10	7.3x4.3x2.8	D	0.06	3.5	0.30	707	EEJL1VD106R	750
	15	7.3x4.3x2.8	D	0.06	5.3	0.30	707	EEJL1VD156R	750
	22	7.3x4.3x2.8	D	0.08	7.7	0.30	866	EEJL1VD226R	750

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