



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



### Surface Mount Type

Series: TE-L



Japan  
China

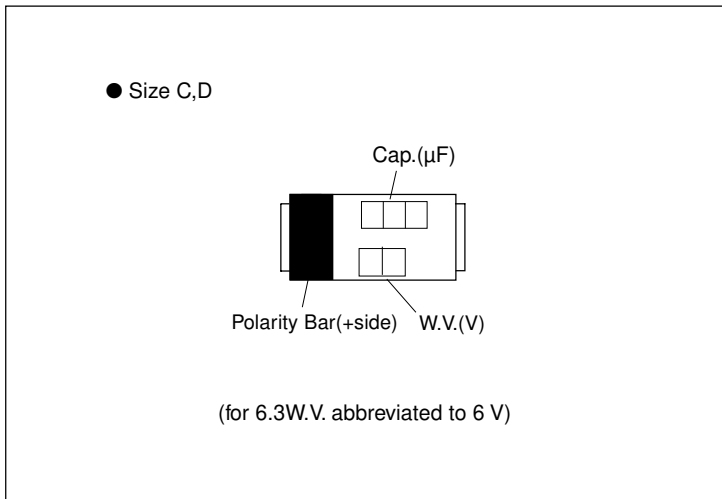


■ Features Low ESR

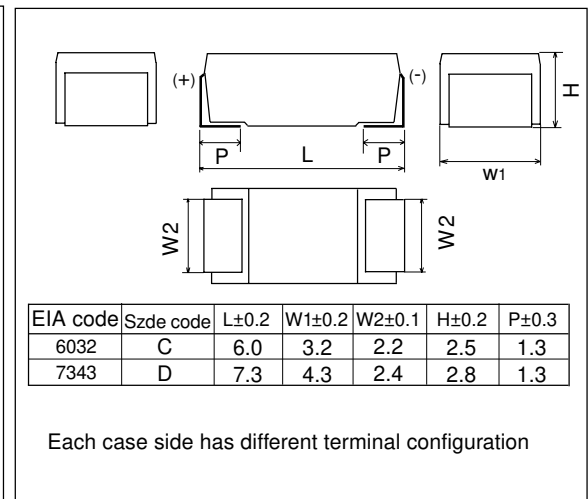
■ Specifications

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 greater)	
tanδ	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
	tanδ	≤ 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
	tanδ	≤ initial specified value
	DC leakage current	≤125 % of initial specified value

■ Marking



■ Dimensions in mm (not to scale)



■ 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. ( ) indicates W.V. and capacitance code.  
 2. When selecting W.V. refer to page 20.  
 3. Other rating upon request (voltage, capacitance, tolerance, size)

■ Standard Products

W.V. (V)	Cap. (±20%) (μF)	Case Size		Specification				Part No.	Min. Packaging
		L x W x H (mm)	Size Code	tan δ (120Hz) (20°C)	L.C (μA)	ESR (100kHz) (Ω)	Ripple current (100kHz) (20°C) (mA)		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