

AC Series

Features

Low ESR, Long Life
High Reliability, High Voltage



- ☆ Voltage Range: 25 to 80Vdc, Capacitance Range: 10 to 330µF
- ☆ Endurance : 125°C 4,000 hours
- ☆ RoHS Rompliant

Specifications

Items	Conditions	Specifications				
Rated Voltage (V)	—	25	35	50	63	80
Surge Voltage (V)	Room temperature	32	44	63	79	100
Category Temperature Range (°C)	—	-55 to +125				
Capacitance Tolerance (%)	120Hz, +20°C	M:±20				
Dissipation Factor(tanδ)	tanδ(max)120Hz, +20°C	0.08 to 0.14				
Leakage Current(LC)	µA/after 2minutes, +20°C	0.01CV or 3 µA, whichever is greater				
Endurance	125°C rated voltage applied (with the rated ripple current)	Test	4,000 hours			
		ΔC/C	Within ±30% of the initial value			
		tanδ	Less than 200% of the specified value			
		ESR	Less than 200% of the specified value			
		LC	Less than the specified value			

Standard Products

W.V. (V)	CAP (±20%) (µF)	Size		Rated Ripple Current (+105°C) (100kHz) (mAr.m.s)	tanδ (+20°C) (100kHz)	ESR (+20°C) (100kHz) (mΩ)	Leakage Current (µA/2min)
		φD (mm)	L (mm)				
25	33	5	5.8	550	0.14	80	8.3
	56	6.3	5.8	900	0.14	50	14.0
	100	6.3	7.7	1400	0.14	30	25.0
	220	8	10.5	1600	0.14	27	55.0
	330	10	10.5	2000	0.14	20	82.5
35	22	5	5.8	550	0.12	100	7.7
	47	6.3	5.8	900	0.12	60	16.5
	68	6.3	7.7	1400	0.12	35	23.8
	150	8	10.5	1600	0.12	27	52.5
	270	10	10.5	2000	0.12	20	94.5
50	10	5	5.8	500	0.10	120	5.0
	22	6.3	5.8	750	0.10	80	11.0
	33	6.3	7.7	1100	0.10	40	16.5
	68	8	10.5	1250	0.10	30	34.0
	100	10	10.5	1600	0.10	28	50.0
	120	10	10.5	1600	0.10	28	60.0
63	10	6.3	5.8	700	0.08	120	6.3
	22	6.3	7.7	900	0.08	80	13.9
	33	8	10.5	1100	0.08	40	20.8
	56	10	10.5	1400	0.08	30	35.3
	68	10	10.5	1400	0.08	30	42.8
80	22	8	10.5	1050	0.08	45	17.6
	33	10	10.5	1360	0.08	36	26.4
	47	10	10.5	1360	0.08	36	37.6