

AA Series

Features

Low ESR, Long Life
High Reliability, High Voltage



☆ Voltage Range: 25 to 80Vdc, Capacitance Range: 10 to 330 μ F

☆ Endurance : 105 $^{\circ}$ C 10,000 hours

☆ RoHS Rompliant

Specifications

Items	Condition	Specifications				
		25	35	50	63	80
Rated Voltage (V)	—	25	35	50	63	80
Surge Voltage (V)	Room temperature	32	44	63	79	100
Category Temperature Range ($^{\circ}$ C)	—	-55 to +105				
Capacitance Tolerance (%)	120Hz, +20 $^{\circ}$ C	M: \pm 20				
Dissipation Factor (tan δ)	tan δ (max)120Hz, +20 $^{\circ}$ C	0.08 to 0.14				
Leakage Current (LC)	μ A/after 2 minutes, +20 $^{\circ}$ C	0.01CV or 3 μ A, whichever is greater				
Endurance	105 $^{\circ}$ C rated voltage applied (with the rated ripple current)	Test	10,000 hours			
		Δ C/C	Within \pm 30% of the initial value			
		tan δ	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) (mA r.m.s)	tanδ (+20°C) (100kHz)	ESR (+20°C) (100kHz) (mΩ)	Leakage Current (μA/2 mins)
		φD (mm)	L (mm)				
25	33	5	5.8	900	0.14	80	8.3
	56	6.3	5.8	1300	0.14	50	14.0
	100	6.3	7.7	2000	0.14	30	25.0
	220	8	10.5	2300	0.14	27	55.0
	330	10	10.5	2500	0.14	20	82.5
35	22	5	5.8	900	0.12	100	7.7
	27	6.3	5.8	1300	0.12	60	9.5
	47	6.3	5.8	1300	0.12	60	16.5
	68	6.3	7.7	2000	0.12	35	23.8
	150	8	10.5	2300	0.12	27	52.5
	270	10	10.5	2500	0.12	20	94.5
50	10	5	5.8	750	0.10	120	5.0
	22	6.3	5.8	1100	0.10	80	11.0
	33	6.3	7.7	1600	0.10	40	16.5
	68	8	10.5	1800	0.10	30	34.0
	100	10	10.5	2000	0.10	28	50.0
63	10	6.3	5.8	1000	0.08	120	6.3
	22	6.3	7.7	1500	0.08	80	13.9
	33	8	10.5	1700	0.08	40	20.8
	56	10	10.5	1800	0.08	30	35.3
80	22	8	10.5	1550	0.08	45	17.6
	33	10	10.5	1700	0.08	36	26.4