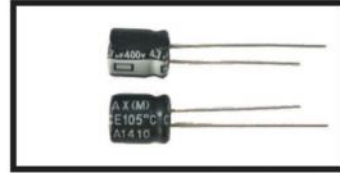


◆ FEATURES

- Ultra Miniaturized for AC-adaptor of Portable device
- Load Life : 105°C 1000~2000 hours
- RoHS compliance



Rated voltage

AX

Rated Capacitance

Capacitance tolerance

Terminal Code

DXL

◆ SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	- 40~+105°C	
Rated Voltage Range	6.3~10, 400V.DC	
Capacitance Tolerance	±20% (20°C, 120Hz)	
Leakage Current(MAX)	6.3~10V.DC	400V.DC
	I = 0.01CV or 3 μA whichever is greater (After 2 minutes application of rated voltage)	I = 0.04CV + 100 μA (After 1 minute application of rated voltage) I = 0.02CV + 25 μA (After 5 minute application of rated voltage)
Dissipation Factor(MAX)	Leakage Current	Capacitance
	Rated Voltage	Rated Voltage
Endurance	Rated Voltage	6.3 8 10 400 (20°C, 120Hz)
	tan δ	0.22 0.20 0.19 0.25
Low Temperature Stability	Rated Voltage	6.3 8 10 400 (120Hz)
	Z(-25°C)/Z(20°C)	2 2 2 6
Impedance Ratio(MAX)	Z(-40°C)/Z(20°C)	12 12 12 10

◆ MULTIPLIER FOR RIPPLE CURRENT

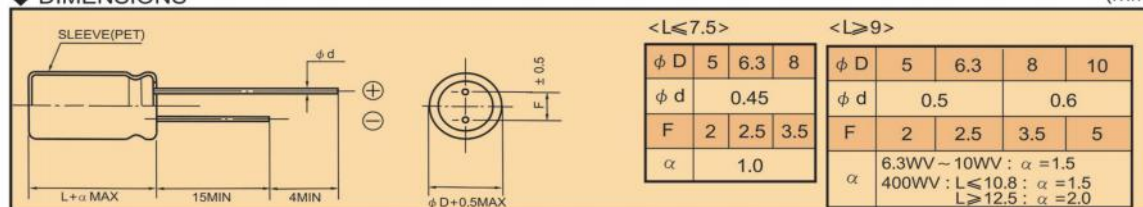
Frequency(Hz)		120	1k	10k	100k≤
Coefficient	68~300 μF	0.50	0.73	0.92	1.00
	330~750 μF	0.55	0.77	0.94	1.00
	820~1200 μF	0.60	0.80	0.96	1.00

400WV

Frequency (Hz)		60(50)	120	500	1k	10k≤
Coefficient	4.7~8.2 μF	0.65	1.00	1.20	1.30	1.50
	10~15 μF	0.80	1.00	1.20	1.30	1.50

◆ DIMENSIONS

(mm)



◆ STANDARD SIZE

Rated Voltage (V • DC)	Capacitance (μ F)	Size φ D × L(mm)	Rated Ripple Current (mA r.m.s./105°C.100kHz)	Impedance 20°C.100kHz
6.3 <0J>	82	5 × 7	510	0.25
	220	6.3 × 7	720	0.13
	220	5 × 11	800	0.14
	330	6.3 × 7	970	0.083
	470	6.3 × 7	970	0.083
	470	8 × 7.5	1080	0.065
	470	6.3 × 11	1140	0.067
	560	6.3 × 15	1370	0.054
	680	8 × 9	1360	0.049
	820	8 × 12	1600	0.042
	1000	8 × 16	2010	0.027
	1000	10 × 11	1540	0.036
8 <0K>	1200	10 × 12.5	1970	0.025
	75	5 × 7	510	0.25
	200	6.3 × 7	720	0.13
	200	5 × 11	800	0.14
	300	6.3 × 7	970	0.083
	390	8 × 7.5	1080	0.065
	430	6.3 × 11	1140	0.067
	510	6.3 × 15	1370	0.054
	620	8 × 9	1360	0.049
	750	8 × 12	1600	0.042
	910	8 × 16	2010	0.027
	910	10 × 11	1540	0.036
10 <1A>	1100	10 × 12.5	1970	0.025
	68	5 × 7	510	0.25
	180	6.3 × 7	720	0.13
	180	5 × 11	800	0.14
	270	6.3 × 7	970	0.083
	330	8 × 7.5	1080	0.065
	390	6.3 × 11	1140	0.067
	470	6.3 × 15	1370	0.054
	560	8 × 9	1360	0.049
	680	8 × 12	1600	0.042
	820	8 × 16	2010	0.027
	820	10 × 11	1540	0.036
	1000	10 × 12.5	1970	0.025



Rated Voltage (V • DC)	Capacitance (μ F)	Size ϕ D $\times$ L(mm)	Rated Ripple Current (mA r.m.s./105C.100kHz)
400 <2G>	4.7	8 $\times$ 9	50
	6.8	8 $\times$ 12	70
	8.2	8 $\times$ 16	85
	8.2	10 $\times$ 11	85
	10	10 $\times$ 12.5	100
	12	8 $\times$ 20	120
	15	10 $\times$ 16	150

The latest fast charge special electrolytic capacitor, the latest specifications, ripple current only for reference				
400V	10	8*11	80	
	15	8*14	100	
	22	10*14	160	
	27	8*18 10*14 10*15	160 180 200	
	3	8*20 8*25 10*19	180 200 230	
	39	10*21	245	
	47	8*30	250	
	56	12.5*25	280	
	68	10*30	320	
	82	10*35	360	
450V	27	8*25 10*18	140 150	
	33	10*18 10*20	160 170	
	47	13*20	190	
	56	13*25	210	
	82	16*20	250	
500V	27	8*25	120	
	68	18*20	200	