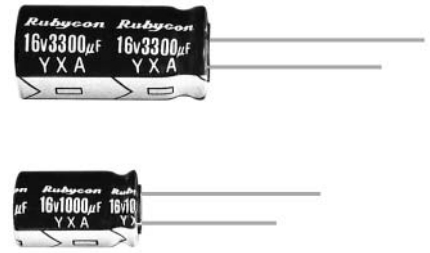


Rubycon**MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS****YXA****YXA SERIES****Previous Series****105°C Standard****◆FEATURES**

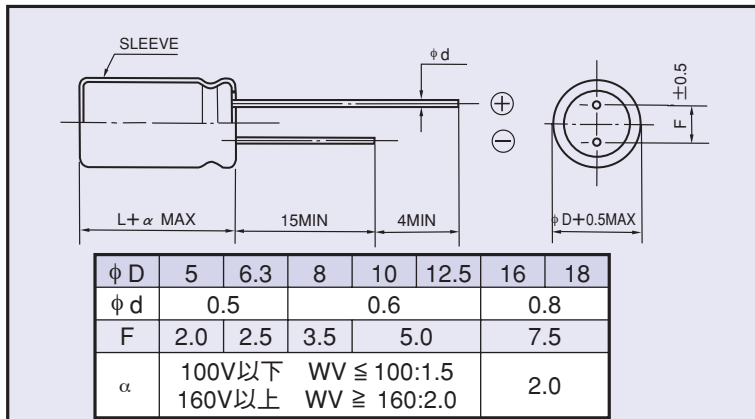
- RoHS compliance.

**◆SPECIFICATIONS**

Items	特 性															Characteristics														
Category Temperature Range	-55~+105°C										-40~+105°C					-25~+105°C														
Rated Voltage Range	6.3~100V.DC										160~250V.DC					350~450V.DC														
Capacitance Tolerance	±20% (20°C, 120Hz)																													
Leakage Current(MAX)	6.3~100V.DC															160~450V.DC														
	I=0.01CV or 3 μA whichever is greater. (After 2 minutes application of rated voltage)															CV ≤1000					CV > 1000									
																I=0.1CV+40 μA (1minute)					I=0.04CV+100 μA (1minute)									
																I=0.03CV+15 μA (5minutes)					I=0.02CV+25 μA (5minutes)									
	I=Leakage Current(μA) C=Rated Capacitance(μF) V=Rated Voltage(V)																													
(tanδ) Dissipation Factor(MAX)	Rated Voltage (V)															(20°C, 120Hz)														
	6.3 10 16 25 35 50 63 100 160 200 250 350 400 450																													
	tan δ															0.26 0.22 0.18 0.16 0.14 0.12 0.10 0.08 0.20 0.20 0.20 0.24 0.24 0.24														
When rated capacitance is over 1000 μF, tanδ shall be added 0.02 to the listed value with increase of every 1000 μF.																														
Endurance	After life test with rated ripple current at conditions stated in the table below, the capacitors shall meet the following requirements.																													
	Capacitance Change					Within ±25% of the initial value.															Case Size					Life Time (hrs)				
	Dissipation Factor					Not more than 200% of the specified value.															φ D ≤8					1000				
	Leakage Current					Not more than the specified value.															φ D =10					2000				
																					φ D ≥ 12.5					3000				
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V)															(120Hz)														
	Z (-25°C)/Z (20°C)															4 3 2 2 2 2 2 2 2 3 3 3 6 6 6														
	Z (-40°C)/Z (20°C)															8 6 4 4 3 3 3 3 3 - - - - - -														

◆DIMENSIONS

(mm)

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency (Hz)		60(50)	120	500	1k	10k ≤
Coefficient	0.1~1 μF	0.50	1.00	1.20	1.30	1.50
	2.2~4.7 μF	0.65	1.00	1.20	1.30	1.50
	10~47 μF	0.80	1.00	1.20	1.30	1.50
	100~1000 μF	0.80	1.00	1.10	1.15	1.20
	2200~22000 μF	0.80	1.00	1.05	1.10	1.15

◆PART NUMBER

□□□ **YXA** □□□□□ □ □□□ □□ **DxL**
 Rated Voltage Series Rated Capacitance Capacitance Tolerance Option Lead Forming Case Size

◆TANDARD SIZE

Size ϕ D×L(mm), Ripple Current (mA r.m.s./105°C, 120Hz)[illegible][illegible]