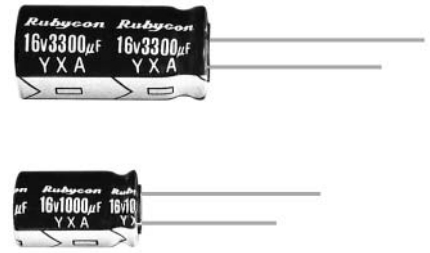


Rubycon**MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS****YXA****YXA SERIES****Previous Series****105°C Standard****◆FEATURES**

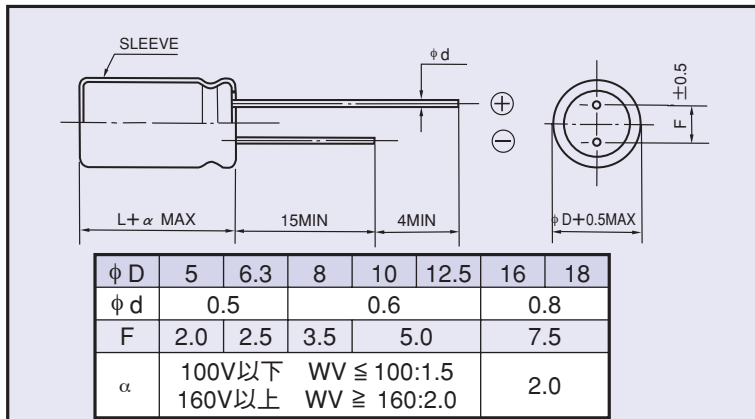
- RoHS compliance.

**◆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
			I=0.1CV+40 μA (1minute)
			I=0.03CV+15 μA (5minutes)
(tanδ) Dissipation Factor(MAX)	I=Leakage Current(μA) C=Rated Capacitance(μF) V=Rated Voltage(V)		CV > 1000
	I=0.04CV+100 μA (1minute)		I=0.02CV+25 μA (5minutes)
	Rated Voltage (V)		(20°C, 120Hz)
	tan δ		
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
	Dissipation Factor	Not more than 200% of the specified value.	Life Time (hrs)
	Leakage Current	Not more than the specified value.	
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V)		(120Hz)
	Z(-25°C)/Z(20°C)		
	Z(-40°C)/Z(20°C)		

◆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

□□□ Rated Voltage YXA Series □□□□□ Rated Capacitance □ Capacitance Tolerance □□□ Option □□ Lead Forming D×L Case Size

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