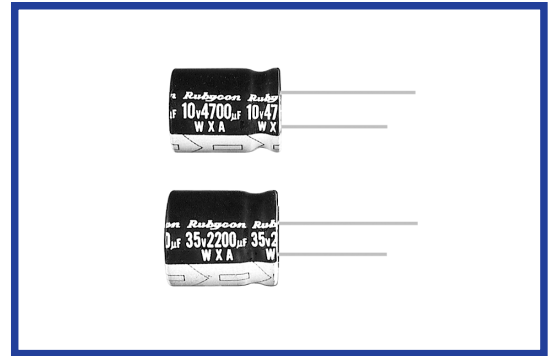


WXA SERIES
105°C 9mm~25mm Height
◆FEATURES

- 9~25mm height.
- RoHS compliance.


◆SPECIFICATIONS

Items	Characteristics													
Category Temperature Range	-55~+105°C	-40~+105°C	-25~+105°C											
Rated Voltage Range	6.3~50Vdc	160~250Vdc	350~450Vdc											
Capacitance Tolerance	±20%(20°C, 120Hz)													
Leakage Current(MAX)	6.3~50Vdc	160~450Vdc												
	I=0.01CV or 3µA whichever is greater. (After 2 minutes application of rated voltage)	CV≤1000	CV>1000											
		I=0.1CV+40µA (1minute) I=0.03CV+15µA (5minutes)	I=0.04CV+100µA (1minute) I=0.02CV+25µA (5minutes)											
	I=Leakage Current(µA)	C=Capacitance(µF)	V=Rated Voltage(Vdc)											
(tanδ) Dissipation Factor(MAX)	Rated Voltage (Vdc) 6.3 10 16 25 35 50 160 200 250 350 400 450 (20°C, 120Hz)													
	tanδ	φ8, φ10	0.30	0.26	0.20	0.18	0.14	0.12	0.20	0.20	0.20	0.20	0.20	0.25
	φ12.5~φ18	0.26	0.22	0.18	0.16	0.14	0.12	0.20	0.20	0.20	0.20	0.20	0.20	0.25
	When capacitance is over 1000µF, tanδ shall be added 0.02 to the listed value with increase of every 1000µF.													
Endurance	After applying rated voltage with rated ripple current for 2000 hours at 105°C, the capacitors shall meet the following requirements.													
	Capacitance Change	Within ±25% of the initial value.												
	Leakage Current	Not more than the specified value.												
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (Vdc) 6.3 10 16 25 35 50 160 200 250 350 400 450 (120Hz)													
	Z(-25°C)/Z(20°C)	4	3	2	2	2	2	3	3	3	6	6	6	
	Z(-40°C)/Z(20°C)	8	6	4	4	3	3	-	-	-	-	-	-	

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)	60 (50)	120	500	1k	10k≤	
Coefficient	1.5~6.8µF	0.65	1.00	1.20	1.30	1.50
	10~68µF	0.80	1.00	1.20	1.30	1.50
	100~1000µF	0.80	1.00	1.10	1.15	1.20
	2200~10000µF	0.80	1.00	1.05	1.10	1.15

◆OPTION

	Code
PET Sleeve	EFC

◆PART NUMBER

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

