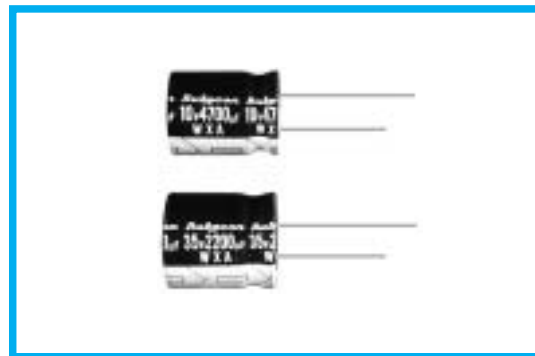
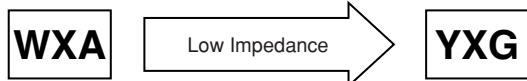


WXA SERIES
105°C Miniaturized low profile.
◆FEATURES

- 9~25mm height.
- RoHS compliance.


◆SPECIFICATIONS

Items	Characteristics											
	-55~+105°C	-40~+105°C	-25~+105°C									
Category Temperature Range	-55~+105°C	-40~+105°C	-25~+105°C									
Rated Voltage Range	6.3~50V.DC	160~250V.DC	350~450V.DC									
Capacitance Tolerance	±20%(20°C, 120Hz)											
Leakage Current(MAX)	6.3~50V.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 (1 minute) I=0.03CV+15 μA (5 minutes)	I=0.04CV+100 μA (1 minute) I=0.02CV+25 μA (5 minutes)									
		I=Leakage Current(μA)	C=Rated Capacitance(μF) V=Rated Voltage(V)									
Dissipation Factor(MAX) (tan δ)	Rated Voltage (V)											(20°C, 120Hz)
	tan δ											
	When rated capacitance is over 1000 μF, tan δ shall be added 0.02 to the listed value with increase of every 1000 μF.											
Endurance	After applying rated voltage with rated ripple current for 2000hrs at 105°C, the capacitors shall meet the following requirements.											
	Capacitance Change		Within ±25% of the initial value.									
	Dissipation Factor		Not more than 200% of 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)											

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency (Hz)		60 (50)	120	500	1k	10k ≤
Coefficient	1.5~6.8 μF	0.65	1.0	1.20	1.30	1.50
	10~68 μF	0.8	1.0	1.20	1.30	1.50
	100~1000 μF	0.8	1.0	1.10	1.15	1.20
	2200~10000 μF	0.8	1.0	1.05	1.10	1.15

◆PART NUMBER

□□□	WXA	□□□□□	□	□□□	□□	DXL
Rated Voltage	Series	Rated Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

