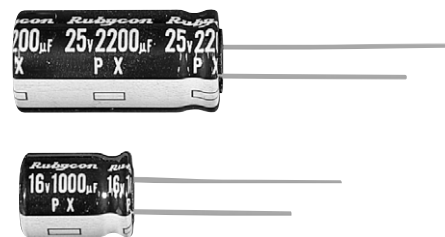


PX SERIES

105°C Standard

◆FEATURES

•RoHS compliance.



◆SPECIFICATIONS

Items	Characteristics		
Category Temperature Range	-55~+105°C	-40~+105°C	-25~+105°C
Rated Voltage Range	6.3~100V.DC	160~400V.DC	450V.DC
Capacitance Tolerance	±20%(20°C, 120Hz)		
Leakage Current(MAX)	6.3~100V.DC	160~450V.DC	
	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(V)		
Dissipation Factor(MAX) (tanδ)	Rated Voltage (V)	6.3	10 16 25 35 50 63 100 160 200 250 350 400 450
	tanδ	0.28	0.24 0.20 0.16 0.14 0.12 0.10 0.08 0.20 0.20 0.20 0.25 0.25 0.25
	When capacitance is over 1000µF, tanδ shall be added 0.02 to the listed value with increase of every 1000µF.		
Endurance	After life test with rated ripple current at conditions stated in the table below at 105°C, 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.	φD≤8 1000
			φD≥10 2000
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V)	6.3	10 16 25 35 50 63 100 160 200 250 350 400 450
	Z(-25°C)/Z(20°C)	5	4 3 2 2 2 2 2 3 3 4 6 6 7
	Z(-40°C)/Z(20°C)	10	8 6 4 3 3 3 3 4 4 8 8 10 -

◆MULTIPLIER FOR RIPPLE CURRENT

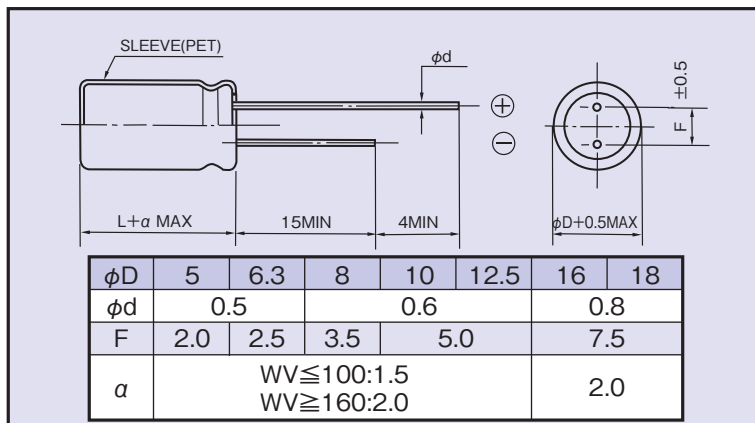
Frequency (Hz)	60(50)	120	500	1k	10k≤
Coefficient	0.47~1µF	0.50	1.00	1.20	1.30 1.50
	2.2~4.7µF	0.65	1.00	1.20	1.30 1.50
	10~47µF	0.80	1.00	1.20	1.30 1.50
	100~1000µF	0.80	1.00	1.10	1.15 1.20
	2200~33000µF	0.80	1.00	1.05	1.10 1.15

◆OPTION

	Code
PET Sleeve	EFC

◆DIMENSIONS

(mm)



◆PART NUMBER

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

◆ **STANDARD SIZE**

Size $\phi D \times L$ (mm), Ripple Current (mA r.m.s./105°C, 120Hz)[illegible][illegible]