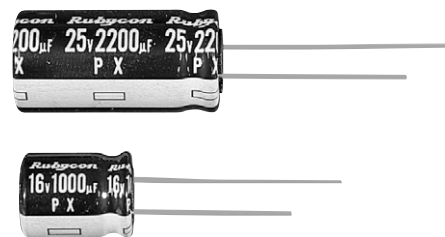


PX SERIES

105°C Standard

◆FEATURES

•RoHS compliance.



◆SPECIFICATIONS

Items	Characteristics															
Category Temperature Range	-55~+105℃					-40~+105℃					-25~+105℃					
Rated Voltage Range	6.3~100V.DC					160~400V.DC					450V.DC					
Capacitance Tolerance	±20%(20℃, 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	(20℃, 120Hz)
	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℃, 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.										φD≤8	1000
	Leakage Current				Not more than the specified value.										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	(120Hz)
	Z(-25℃)/Z(20℃)	5	4	3	2	2	2	2	2	3	3	4	6	6	7	
	Z(-40℃)/Z(20℃)	10	8	6	4	3	3	3	3	3	4	4	8	8	10	

◆MULTIPLIER FOR RIPPLE CURRENT

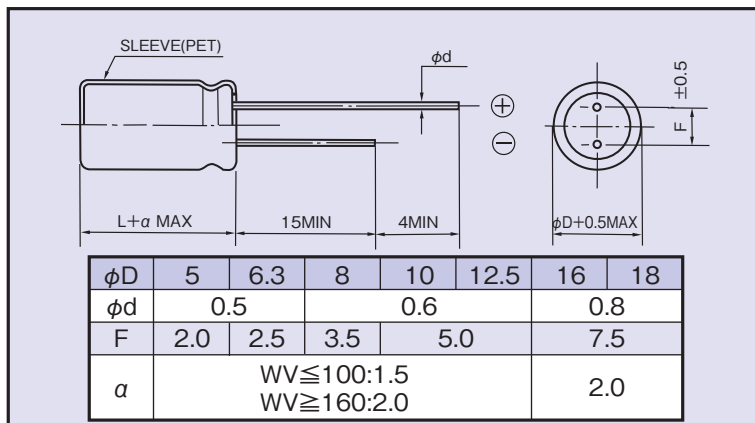
Frequency (Hz)		60(50)	120	500	1k	10k≤
Coefficient	0.47~1μF	0.50	1.00	1.20	1.30	1.50
	2.2~4.7μF	0.65	1.00	1.20	1.30	1.50
	10~47μF	0.80	1.00	1.20	1.30	1.50
	100~1000μF	0.80	1.00	1.10	1.15	1.20
	2200~33000μF	0.80	1.00	1.05	1.10	1.15

◆OPTION

	Code
PET Sleeve	EFC

◆DIMENSIONS

(mm)



◆PART NUMBER

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

◆ **STANDARD SIZE**

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