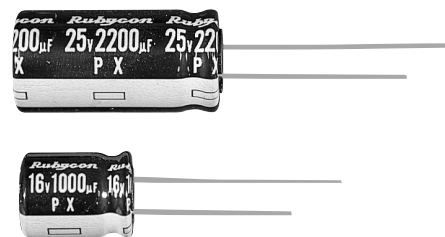


PX SERIES

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=(μA) Leakage Current					C=(μF) Rated Capacitance					V=(V) Rated Voltage							
(tanδ) Dissipation Factor(MAX)	Rated Voltage	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 rated 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, the capacitors shall meet the following requirements.																	
	Capacitance Change				Within ±25% of the initial value.												Case Size	(hrs) Life Time
	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	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 Coefficient

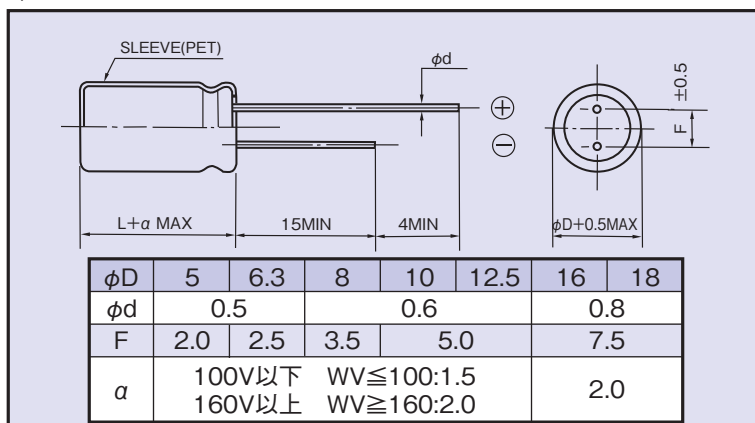
(Hz) Frequency	60(50)	120	500	1k	10k≤
Coefficient	0.47~1μF	0.50	1.00	1.20	1.30 1.50
	2.2~4.7μF	0.65	1.00	1.20	1.30 1.50
	10~47μF	0.80	1.00	1.20	1.30 1.50
	100~1000μF	0.80	1.00	1.10	1.15 1.20
	2200~33000μF	0.80	1.00	1.05	1.10 1.15

◆OPTION

	Code
PET Sleeve	EFC

◆DIMENSIONS

(mm)



◆PART NUMBER

□□□	PX	□□□□□	M	□□□	□□	D×L
Rated Voltage	Series	Rated 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]