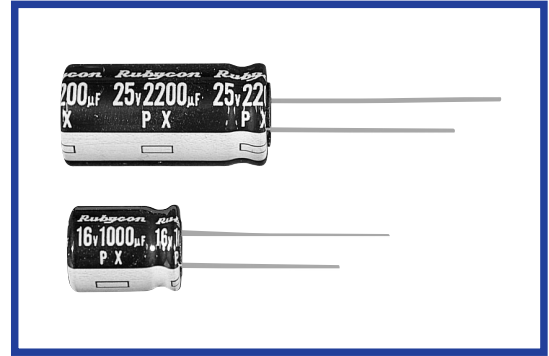


PX SERIES

105°C Standard

◆FEATURES

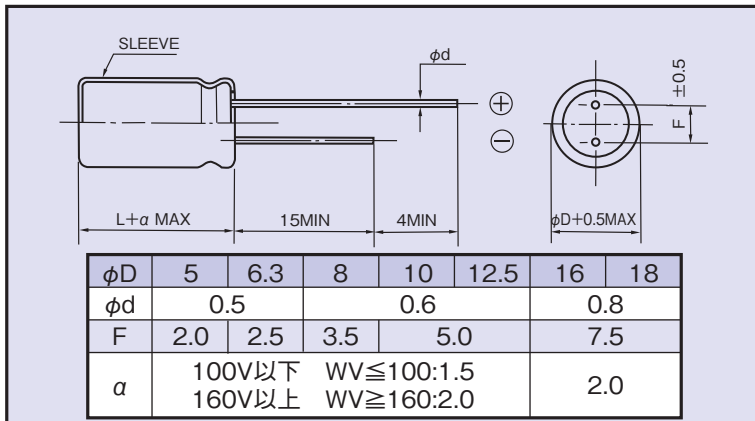
•RoHS compliance.



◆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=Rated Capacitance(µF) V=Rated Voltage(V)													
(tanδ) Dissipation Factor(MAX)	Rated Voltage (V)													(20°C, 120Hz)		
	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 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		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)													(120Hz)		
	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	-	

◆DIMENSIONS



(mm)

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

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

◆PART NUMBER

