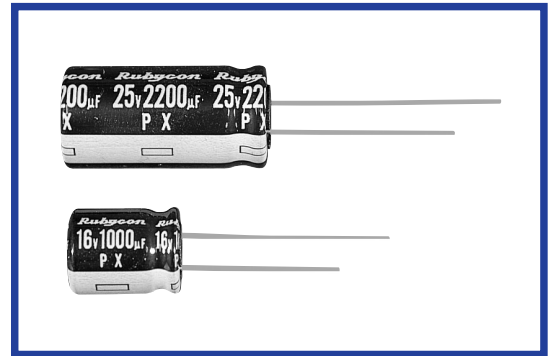


PX SERIES

105°C Standard

◆FEATURES

•RoHS compliance.



◆SPECIFICATIONS

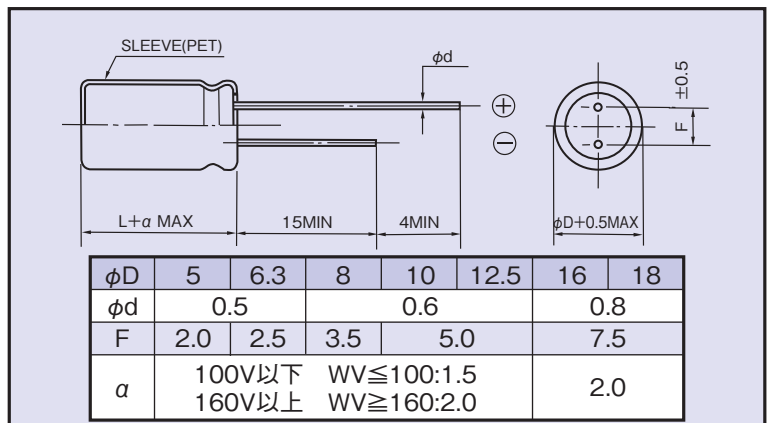
Items	Characteristics														
	-55~+105°C	-40~+105°C	-25~+105°C												
Category Temperature Range	-55~+105°C	-40~+105°C	-25~+105°C												
Rated Voltage Range	6.3~100V.DC	160~400V.DC	450V.DC												
Capacitance Tolerance	±20%(20°C, 120Hz)														
Leakage Current(MAX)	6.3~100V.DC														
	160~450V.DC														
	CV≤1000		CV>1000												
Leakage Current(MAX)	I=0.01CV or 3µA whichever is greater. (After 2 minutes application of rated voltage)														
	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)													(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 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		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
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≤
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

◆DIMENSIONS

(mm)



◆OPTION

	Code
PET Sleeve	EFC

◆PART NUMBER

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

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