

PX SERIES

105°C Standard

*Load Life : 105°C 1000~2000 hours.



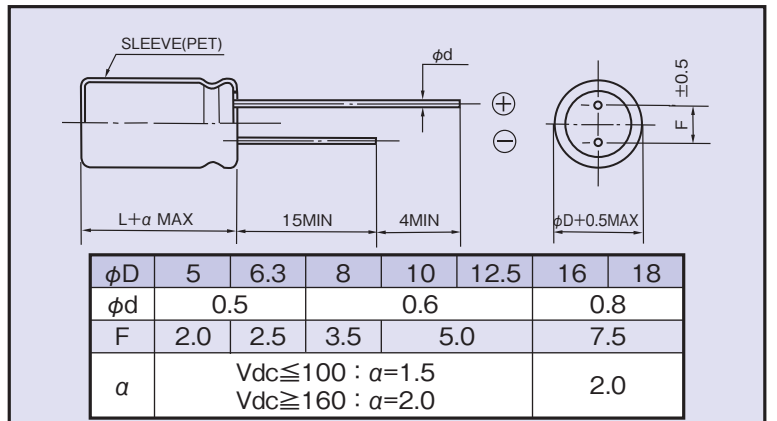
◆SPECIFICATIONS

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	6.3~100Vdc	160~400Vdc	450Vdc																										
Capacitance Tolerance	±20%(20°C, 120Hz)																												
Leakage Current(MAX)	6.3~100Vdc		160~450Vdc																										
	I=0.01CV or 3µA whichever is greater. (After 2 minutes application of rated voltage)		CV≤1000																										
			CV>1000																										
I=Leakage Current(µA)		C=Capacitance(µF)	V=Rated Voltage(Vdc)																										
Dissipation Factor(MAX) (tanδ)	Rated Voltage (Vdc)												(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
Endurance	After applying rated voltage with rated ripple current for specified time at 105°C, the capacitors shall meet the following requirements.												Case Size		Life Time (hrs)														
	Capacitance Change		Within ±25% of the initial value.										φD≤8	1000															
	Dissipation Factor		Not more than 200% of the specified value.										φD≥10	2000															
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (Vdc)												(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
	6.3	10	16	25	35	50	63	100	160	200	250	350	400	450	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



◆OPTION

	Code
PET Sleeve	EFC

◆PART NUMBER

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

