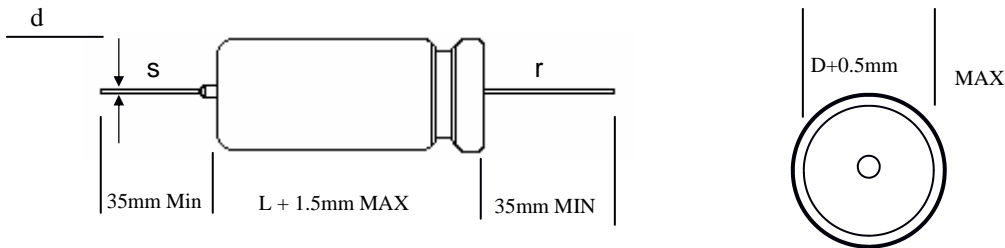


- PZA series, are specially designed for high frequency applications requiring low impedance and inductance characteristics. Their low D.C. leakage current and ESR allow PZA type to withstand high Ripple current. Their extended temperature range ensures long life and makes them ideal for switching power supply applications.

Item	Characteristics
Operating Temperature Range (°C)	-55°C + 105°C
Rated Voltage Range (V)	6.3V ~ 200V
Rated Capacitance Range	0.47 μF ~ 15000 μF
Rated Capacitance Tolerance (25°C 120Hz)	-20% /+20%
Leakage Current	0.01 CV μA MAXIMUM after 2 minutes
Life Test	After application of rated voltage at 105°C for 2000 hours the following limits shall apply when the capacitor has been stabilized at 25°C.
Capacitance change	±20% max. of initial value
Impedance at 100KHZ	Less than 200% of the specified value
D.C. leakage current	Not greater than the specified value.
Shelf Test	After storage at 105°C for 1000 hours without voltage applied, the following limits shall apply when the capacitor has been stabilized at 25°C
Capacitance change	±20% max of initial value
Impedance at 100KHZ	Less than 115% of the specified value
D.C. Leakage Current	Less than 200% of the specified value
Ripple Current	When the capacitors are operated at a temperature and frequency other than 85°C and 100KHZ use the following multiplying factors to obtain the permissible ripple current.



## ■ SPECIFICATIONS

D	5	6	8	10	13	16	18	22	25
L.S.	2.0	2.5	3.5/4.5	5.0	5.0,6.5,7.5	7.5	7.5	10	12.5
d	0.5	0.5	0.5	0.6	0.6,0.8,0.6	0.8	0.8	1.0	1.0

■ RIPPLE CURRENT MULTIPLIERS

Ambient temperature	Multiplying factor
45°C	2.4
65°C	2.17
85°C	1.75
105°C	1.00

■ Frequency Multiplying Factor

MULTIPLYING FACTOR

Frequency					