

WX Series

Features

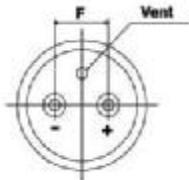
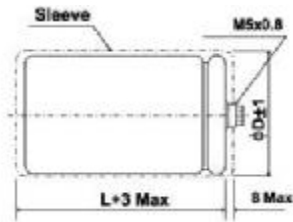
- ◆ Long life, equal to 80000 hours (9 years) at 45℃, 5000 hours at 85℃ .
- ◆ Screw Type, Longer Life.
- ◆ RoHS Compliant .

Specifications



Item	Performance Characteristics
Temperature Range	-25~+85℃
Rated Voltage Range	350~450Vdc
Capacitance Range	1000~18000μF
Capacitance Tolerance	±20% (120Hz, +20℃)
Leakage Current (+20℃,max.)	$I \leq 3\sqrt{CV}$ (μA) (After 5 minute application of rated voltage at +20℃)
Dissipation Factor(tgδ) 120Hz, +20℃	Less than the value specified in the standard products table.
Endurance	After applying rated voltage with rated ripple current for 5000 hours at 85℃, the capacitors shall meet the following requirements.
	Capacitance Change      Within ±20% of the initial value
	Dissipation Factor      No more than 200% of the specification value
	Leakage Current      No more than the specification value
Shelf Life	After storing the capacitors under no load at 85℃ for 1000 hours, the characters shall meet the following requirements.
	Capacitance Change      Within ±20% of the initial value
	Dissipation Factor      No more than 200% of the specification value
	Leakage Current      No more than 200%of the specification value
Others	JISC-5101(IEC 60384)

Dimensions



ΦD	50.8	63.5	76	89
F	22	28	32	32

Frequency coefficient

Freq(Hz) WV(V)	50	120	300	1K	10K
Factor	0.70	1.00	1.10	1.30	1.40

**WX Series****Case size & Maximum permissible ripple current**

Cap	WV ΦD	350			400		
		Case Size D×L (mm)	Ripple Current (A)	tanδ (MAX)	Case Size D×L (mm)	Ripple Current (A)	tanδ (MAX)
1000					50.8×90	5.0	0.15
1200		50.8×90	5.5	0.15	50.8×90	5.5	0.15
1500		50.8×90	6.1	0.15	50.8×100	6.7	0.15
1800		50.8×100	7.4	0.15	50.8×100	7.4	0.15
2200		50.8×100	8.2	0.15	50.8×130	9.2	0.15
2700		50.8×130	10.2	0.15	50.8×130	9.9	0.15
3300		50.8×130	11.3	0.15	63.5×100	11.8	0.15
3900		63.5×115	12.8	0.15	63.5×130	13.5	0.15
4700		63.5×130	14.8	0.15	76×115	14.9	0.15
5600		76×115	16.3	0.15	76×130	17.0	0.15
6800		76×130	18.8	0.15	76×155	20.2	0.15
8200		76×155	22.1	0.15	89×155	23.5	0.15
10000		89×155	25.9	0.15	89×155	25.9	0.15
12000		89×160	28.4	0.15	89×200	31.0	0.15
15000		89×200	34.6	0.15	89×240	37.5	0.15
18000		89×240	41.4	0.15			

Cap	WV ΦD	450		
		Case Size D×L (mm)	Ripple Current (A)	tanδ (MAX)
1000		50.8×90	5.0	0.15
1200		50.8×100	6.0	0.15
1500		50.8×115	7.2	0.15
1800		50.8×130	8.3	0.15
2200		63.5×100	9.0	0.15
2700		63.5×115	10.7	0.15
3300		63.5×130	12.4	0.15
3900		76×115	13.6	0.15
4700		76×130	15.6	0.15
5600		76×155	18.3	0.15
6800		89×155	21.4	0.15
8200		89×155	23.5	0.15
10000		89×200	28.3	0.15
12000		89×240	33.6	0.15

Size ΦD×L (mm), Ripple Current (A r.m.s. /85℃ 120Hz).

Above size is the standard size for our product. If you need special size please contact our sales offices .