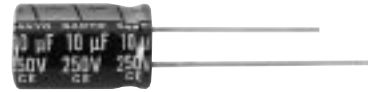


## FAZ Series

### Low impedance (mid. voltage)

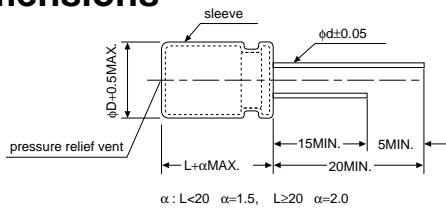
FAZ series is miniature sized and has low impedance at high frequency, suitable for smoothing circuit of switching power supply.



### Specifications

Items		Specifications			
Rated voltage (V)		160	180	200	250
Operating temperature range (°C)		-40 to +105			
Capacitance tolerance (%)		±20			(120Hz)
Tangent of loss angle(tan δ)(MAX.)(120Hz)		0.10	0.10	0.10	0.10
Leakage current (L.C.) (μA/after 2min.)(MAX.)	CV≤1000	0.03CV+15			
	CV>1000	0.02CV+25			
Impedance (120Hz) ratio at low temperature (MAX.)	Z <sub>-25°C</sub> /Z <sub>20°C</sub>	3	3	3	3
	Z <sub>-40°C</sub> /Z <sub>20°C</sub>	5	5	5	5
High-temperature load rated voltage applied	Test	105°C 2000hrs. (φD=8, 1000hrs.)			
	ΔC/C	Within ±20% of the initial value			
	tan δ	≤ Twice the initial standard			
	L.C.	≤ The initial standard			
Other characteristics		Conform to IEC 384-4			

### Dimensions



(unit : mm)

φD	8	10	12.5	16	18
F	3.5	5.0	5.0	7.5	7.5
φd	0.6	0.6	0.6	0.8	0.8

### Size List

(φD×Lmm)

μF \ V	160		180		200		250	
1.0					8×11.5	53	8×11.5	58
2.2					8×11.5	75	8×11.5	80
3.3	8×11.5	100	8×11.5	105	8×11.5	105	8×11.5	110
4.7	8×11.5	125	8×11.5	130	8×12.5	140	10×12.5	150
10	8×12.5	200	8×12.5	210	10×12.5	220	10×16	240
22	10×16	370	10×16	380	10×20	400	12.5×20	420
33	10×20	490	10×20	500	12.5×20	510	12.5×25	520
47	12.5×20	610	12.5×20	620	12.5×25	625	16×25	635
100	16×25	700	16×25	705	16×30	710	16×35.5	720
150	16×30	810	16×35.5	850	18×35.5	880	18×35.5	910
220	16×35.5	1060	18×35.5	1080	18×41	1090		
330	18×41	1260						

MAX. ripple current (mA r.m.s. at 10kHz, 105°C)

Case size

Model No. 160MV100FAZ

100μF, nominal capacitance

160V, rated voltage