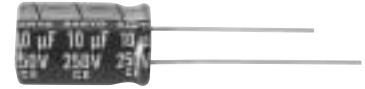


FAZ Series

Low impedance (mid. voltage)

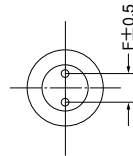
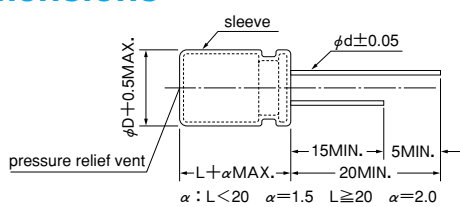
FAZ series is miniature sized and has low impedance at high frequency, suitable for smoothing circuit of switching power supply.



Specifications

Items		Specifications			
Rated voltage (V)		160	180	200	250
Operating temperature range (°C)		-40~+105			
Capacitance tolerance (%)		±20 (120Hz)			
Tangent of loss angle (tanδ) (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 _{-25°C} /Z _{20°C}	3	3	3	3
	Z _{-40°C} /Z _{20°C}	5	5	5	5
High-temperature load rated voltage applied	Test	105°C 2000hrs. (φ D= 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 60384-4			

Dimensions



(Unit : mm)

	φ D	8	10	12.5	16	18
F		3.5	5.0	5.0	7.5	7.5
φ d		0.6	0.6	0.6	0.8	0.8

Size List

(φ D×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

Capacitance symbol

Rated voltage