

ME-FZ Series

Long Life

Low Impedance, High Performance

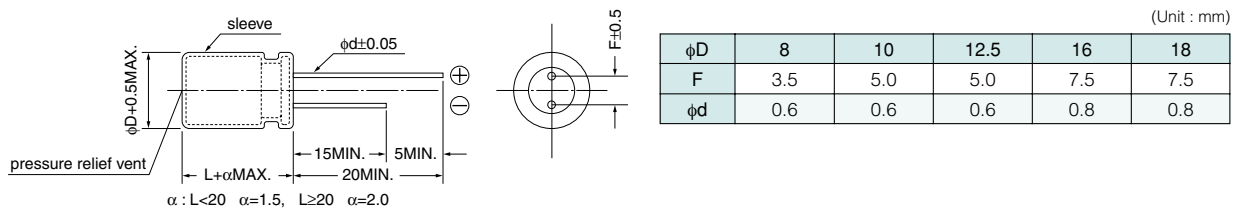


- 105°C, 5000 to 10000hrs.
- Solvent proof (within 5 minutes)

Specifications

Items		Specifications				
Rated voltage (V)		10	16	25	35	50
Category temperature range (°C)		-55 to +105				
Capacitance tolerance (%)		±20 (120Hz/20°C)				
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)		0.20	0.16	0.14	0.12	0.10
		When rated capacitance exceeds 1000µF, add 0.02 to the value above for each 1000µF increase.				
Leakage current (L.C.) (µA/after 2min.) (MAX.)		The greater value of either 0.01CV or 3				
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-40°C} /Z _{20°C}	2	2	2	2	2
	Z _{-55°C} /Z _{20°C}	4	4	3	3	3
Endurance 105°C	Test	φ8 to φ10 : 5000hrs., φ12.5 to φ18 : 10000hrs.				
rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value				
	tanδ	≤ Twice the initial specified value				
	L.C.	≤ The initial specified value				

Dimensions



Size List, Impedance, Rated Ripple Current

V µF	10			16			25			35			50		
	Case size φD x L (mm)	Impedance (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/10k to 100kHz	Case size φD x L (mm)	Impedance (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/10k to 100kHz	Case size φD x L (mm)	Impedance (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/10k to 100kHz	Case size φD x L (mm)	Impedance (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/10k to 100kHz	Case size φD x L (mm)	Impedance (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/10k to 100kHz
10													8x11.5	0.77	180
22													8x11.5	0.51	230
33										8x11.5	0.47	240	10x12.5	0.30	390
47							8x11.5	0.43	250	8x12.5	0.43	260	10x16	0.24	540
100				8x11.5	0.43	250	10x12.5	0.28	400	10x16	0.26	470	12.5x20	0.13	880
220	8x12.5	0.32	380	10x12.5	0.26	420	10x20	0.17	560	12.5x20	0.14	720	16x25	0.060	1250
330	10x12.5	0.26	500	10x20	0.19	550	10x20	0.15	630	12.5x25	0.094	950	16x25	0.051	1400
470	10x16	0.15	600	10x20	0.13	700	12.5x25	0.068	900	16x25	0.060	1300	16x30	0.043	1500
1000	12.5x20	0.085	1000	12.5x25	0.051	1100	16x25	0.051	1350	16x30	0.043	1500			
2200	16x25	0.051	1450	16x30	0.043	1600	18x35.5	0.034	1800						
3300	16x30	0.038	1700	18x35.5	0.034	1900									
4700	18x35.5	0.034	2050												

Model No.

16 ME 100 FZ

— Series code
— Rated capacitance symbol
— Type code
— Rated voltage