

ME-FX Series

Long Life

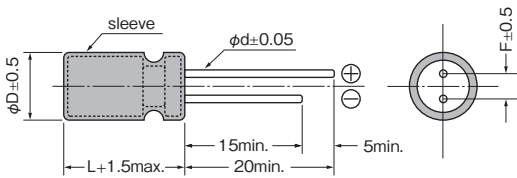


- 105°C 10,000hours
- Solvent proof(within 5 minutes)

Specifications

Items	Condition	Specifications							
Rated voltage (V)	—	10	16	25	35	50	100		
Surge voltage (V)	Room temperature	13	20	32	44	63	125		
Category temperature range (°C)	—	-40 to +105							
Capacitance tolerance (%)	120Hz/20°C	M : ±20							
Dissipation Factor(tan δ)	tanδ(max.) 120Hz/20°C	0.45	0.35	0.30	0.22	0.19	0.15		
Leakage current(LC)	µA/after 2minutes (max.), 20°C	The greater value of either 0.01CV or 3							
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z _{20°C}	8	6	4	4	3	3
Endurance	105°C, 10,000hours rated voltage applied (With the rated ripple current)	△C/C	Within ±25% of the initial value						
		tanδ	Less than 300% of the specified value						
		LC	Less than the specified value						

Dimensions



A pressure relief vent is provided for φD=6.3 or bigger

(Unit : mm)

φD	5	6.3	8
F	2.0	2.5	3.5
φd	0.5	0.5	0.6

Size, Rated Ripple Current

µF	V	10	16	25	35	50	100			
2.2						5×11	35			
3.3						5×11	70			
4.7						5×11	80	5×11	70	
10						5×11	90	6.3×11	150	
22						5×11	110	8×11.5	230	
33				5×11	130	5×11	130	6.3×11	190	
47			5×11	130	5×11	130	6.3×11	210	6.3×11	190
100			6.3×11	210	6.3×11	210	8×11.5	330	8×12.5	270
220	6.3×11	210	8×11.5	330	8×11.5	330				
330	8×11.5	330	8×11.5	330						
470	8×11.5	330								

Please refer to page 14 for ripple current frequency coefficients.

Case size:φD×L(mm)

Rated ripple current mArms(100kHz, 105°C)

Part number

