

ME-FH Series

105°C, Miniature, Long Life

Mid. and High Voltage

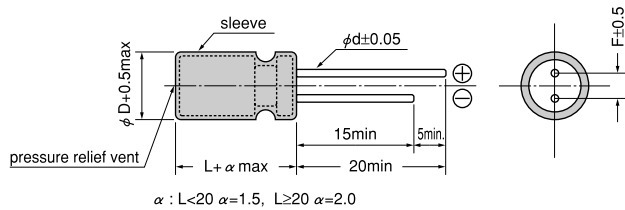


- 105°C, 10,000hrs.
- Do not clean the capacitors using solvent.

Specifications

Items	Condition	Specifications						
Rated voltage (V)	—	160	200	250	350	400	450	
Surge voltage (V)	Room temperature	200	250	300	400	450	500	
Category temperature range (°C)	—	-40 to +105					-25 to +105	
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tan δ)	120Hz/20°C	0.20	0.20	0.20	0.25	0.25	0.25	
Leakage current (LC)	µA/after 2minutes (max)	0.02CV + 25						
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	3	3	3	4	6	6
		-40°C Z/Z _{20°C}	6	6	6	8	10	—
Endurance	105°C, 10,000hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ±20% of the initial value					
		tan δ	≤ 2 times the initial specified value					
		LC	≤ The initial specified value					

Dimensions



(Unit : mm)

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

Size List, Rated Ripple Current

µF \ V	160	200	250	350	400	450
6.8						10×20 58
10			10×16 106	10×16 100	10×20 108	12.5×20 145
22		10×16 173	10×20 184	12.5×20 184	12.5×25 195	16×25 218
33	10×16 190	10×20 227	12.5×20 238	12.5×25 224	16×25 249	16×31.5 243
47	10×20 270	12.5×20 270	12.5×25 282	16×25 282	16×31.5 292	18×31.5 304
68	12.5×20 336	12.5×20 325	16×25 364	16×31.5 334	18×31.5 346	
82	12.5×20 346	12.5×25 370	16×25 403	18×31.5 360		
100	12.5×25 410	16×25 436	16×31.5 418			
150	16×25 500	16×31.5 470	18×31.5 545			
220	16×31.5 570	18×31.5 660				

Please refer to page 15 for the ripple current frequency coefficient.

Rated ripple current
mA Arms (120Hz, 105°C)

Case size: φD×L (mm)

Model No.

