

## ME-FH Series

105°C, Miniature, Long Life  
Mid. and High Voltage

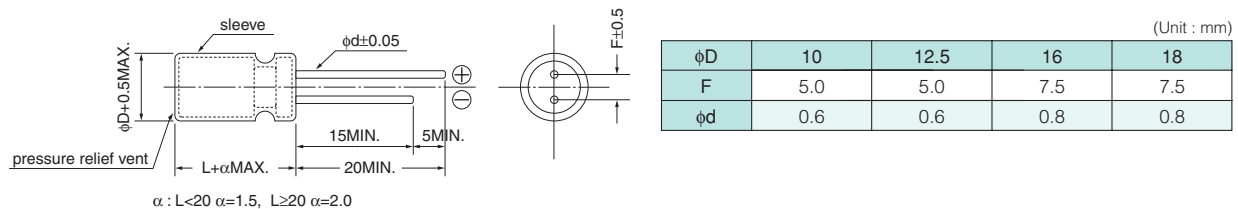


- 105°C, 10000hrs. •160V, newly added
- Do not clean the capacitors using solvent.

### Specifications

Items	Specifications						
Rated voltage (V)	160	200	250	350	400	450	
Category temperature range (°C)	-40 to +105					-25 to +105	
Capacitance tolerance (%)	±20					(120Hz/20°C)	
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)	0.20	0.20	0.20	0.25	0.25	0.25	
Leakage current (L.C.) (μA/after 2min.) (MAX.)	0.02CV +25						
Impedance (120Hz) ratio at low temperature (MAX.)	Z <sub>-25°C</sub> /Z <sub>20°C</sub>	3	3	3	4	6	6
	Z <sub>-40°C</sub> /Z <sub>20°C</sub>	6	6	6	8	10	—
Endurance 105°C, 10000hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ±20% of the initial value					
	tanδ	≤ Twice the initial specified value					
	L.C.	≤ The initial specified value					

### Dimensions



### Size List, Rated Ripple Current

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

Model No. 200 ME 33 FH  
 — Series code  
 — Rated capacitance symbol  
 — Type code  
 — Rated voltage

Case size ; φD x L (mm)      Rated ripple current mA r.m.s. (120Hz, 105°C)