

# ME-FH Series

105°C, Small, Long Life

High Voltage

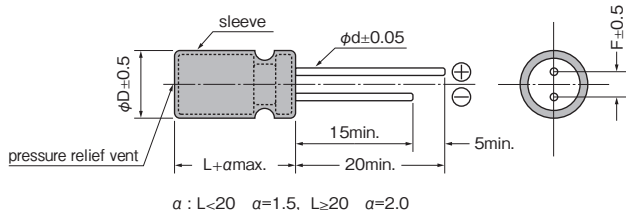


- 105°C 10,000 to 12,000hours
- Non solvent proof

## 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						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tan δ)	tanδ (max.) 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 on the value at 120Hz, +20°C	-25°C Z/Z <sub>20°C</sub>	3	3	3	4	6	6
		-40°C Z/Z <sub>20°C</sub>	6	6	6	8	10	—
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ10 : 10,000hours, φ12.5 to φ18 : 12,000hours					
		ΔC/C	Within ±20% of the initial value					
		tanδ	Less than 200% of the specified value					
		LC	Less than the specified value					

## Dimensions



(Unit : mm)

	10	12.5	16	18
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, Rated Ripple Current

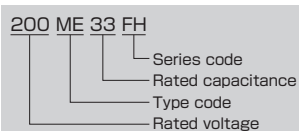
μF \ V	160	200	250	350	400	450
4.7					10×12.5	57
6.8					10×16	88
10		10×12.5	105	10×16	106	10×20
22		10×16	173	10×20	184	12.5×20
33	10×16	190	10×20	227	12.5×20	238
47	10×20	270	12.5×20	270	12.5×25	282
68	12.5×20	336	12.5×20	325	16×25	364
82	12.5×20	346	12.5×25	370	16×25	403
100	12.5×25	410	16×25	436	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 14 for ripple current frequency coefficients.

Case size: φDxL(mm)

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

## Part number



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Aluminium Electrolytic Capacitors - Radial Leaded](#) category:*

*Click to view products by [SUN](#) manufacturer:*

Other Similar products are found below :

[LXY50VB4.7M-5X11](#) [RFO-100V471MJ7P#](#) [ECE-A1EGE220](#) [1814181](#) [NCD681K10KVY5PF](#) [NEV1000M25EF-BULK](#) [NEV100M35DC](#)  
[NEV100M63DE](#) [NEV220M25DD-BULK](#) [NEV.33M100AA](#) [NEV4700M50HB](#) [NEV.47M100AA](#) [NEVH1.0M250AB](#) [NEVH3.3M250BB](#)  
[NEVH3.3M450CC](#) [KME50VB100M-8X11.5](#) [SG220M1CSA-0407](#) [ES5107M016AE1DA](#) [ESX472M16B](#) [476CKH100MSA](#) [477RZS050M](#)  
[UVX1V101KPA1FA](#) [UVX1V222MHA1CA](#) [KME25VB100M-6.3X11](#) [VTL100S10](#) [VTL470S10](#) [511D336M250EK5D](#) [052687X](#) [ECE-](#)  
[A1CF471](#) [EKXG451ELL820MM30S](#) [686CKR050M](#) [NRE-S560M16V6.3X7TBSTF](#) [ERZA630VHN182UP54N](#) [UPL1A331MPH](#)  
[NEV1000M6.3DE](#) [NEV100M16CB](#) [NEV100M50DD-BULK](#) [NEV2200M16FF](#) [NEV220M50EE](#) [NEV2.2M50AA](#) [NEV330M63EF](#)  
[NEV4700M35HI](#) [NEV4.7M100BA](#) [NEV47M16BA](#) [NEV47M50CB-BULK](#) [NEVH1.0M350AB](#) [NEVH2.2M160AB](#) [NEVH3.3M350BC](#)  
[TER330M50GM](#) [477KXM035MGBWSA](#)