

ME-FX Series

Long Life



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

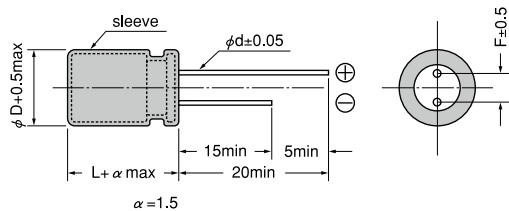
ME-FX ← Long Life ME-CZ (P.74)

NEW

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)	tan δ (max) 120Hz/20°C	0.45	0.35	0.30	0.22	0.19	0.15		
Leakage current (LC)	µA/after 2minutes (max)	The greater value of either 0.01CV or 3							
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C	Z/Z _{20°C}	8	6	4	4	3	3
				Within ±25% of the initial value					
				Less than 300% of the specified value					
Endurance	105°C, 10,000hours rated voltage applied (With the rated ripple current)	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

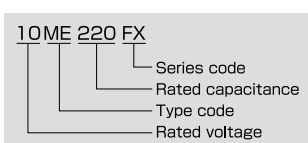
µF \ V	10	16	25	35	50	100			
2.2					5×11	35			
3.3					5×11	70			
4.7					5×11	80	5×11	70	
10					5×11	90	6.3×11	150	
22					5×11	110	8×11.5	230	
33			5×11	130	5×11	130	6.3×11	190	
47		5×11	130	5×11	130	6.3×11	210	6.3×11	190
100		6.3×11	210	6.3×11	210	8×11.5	330	8×12.5	270
220	6.3×11	210	8×11.5	330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

Please refer to page 15 for ripple current frequency coefficients.

Case size: φD×L(mm)

Rated ripple current
mA rms (100kHz, 105°C)

Part number



- ME-SWB
- ME-UZ-SZ
- ME-UAX-SAX
- ME-SWG
- ME-HC
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-WG
- ME-LS
- ME-FX
- ME-PX
- ME-HPC-HPD
- ME-FC-FD
- ME-FH
- ME-SWN
- ME-HWN