

# ME-SWB Series

Standard

7mm Height

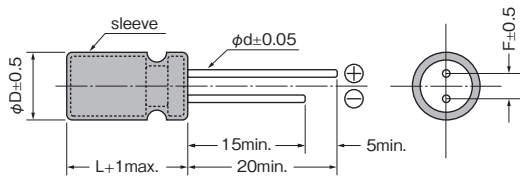


- 85°C 2,000hours
- Solvent proof (within 3 minutes)

## Specifications

Items	Condition	Specifications									
Rated voltage (V)	—	4	6.3	10	16	25	35	50	63		
Surge voltage (V)	Room temperature	5.0	8.0	13	20	32	44	63	79		
Category temperature range (°C)	—	-40 to +85									
Capacitance tolerance (%)	120Hz/20°C	M : ±20									
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.10		
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 <sub>20°C</sub>	7	4	3	2	2	2	2	2	
		-40°C Z/Z <sub>20°C</sub>	15	10	7	6	4	4	4	4	
Endurance	85°C, 2,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value								
		tanδ	Less than 200% of the specified value								
		LC	Less than the specified value								

## Dimensions



(Unit : mm)

φD	4	5	6.3
F	1.5	2.0	2.5
φd	0.45	0.45	0.45

## Size, Rated Ripple Current

µF \ V	4	6.3	10	16	25	35	50	63
1.0							4x7 10	4x7 10
2.2							4x7 15	4x7 17
3.3					4x7 16	4x7 17	4x7 18	4x7 21
4.7					4x7 19	4x7 20	4x7 23	5x7 26
10				4x7 25	4x7 28	5x7 30	5x7 34	6.3x7 43
22		4x7 31	4x7 35	4x7 39	5x7 52	6.3x7 54	6.3x7 60	6.3x7 65
33	4x7 26	4x7 39	4x7 43	5x7 57	6.3x7 63	6.3x7 65	6.3x7 70	
47	4x7 34	4x7 47	5x7 59	5x7 68	6.3x7 70	6.3x7 75	6.3x7 80	
100	5x7 61	5x7 71	6.3x7 80	6.3x7 91	6.3x7 100	6.3x7 105		
220	6.3x7 82	6.3x7 103	6.3x7 110	6.3x7 110				
330	6.3x7 100	6.3x7 110						
470	6.3x7 110							

Please refer to page 14 for ripple current frequency coefficients.

Case size: φDxL(mm)

Rated ripple current  
mA rms (120Hz, 85°C)

## Part number

