

ME-SWG Series

Low ESR, Small

7mm Height

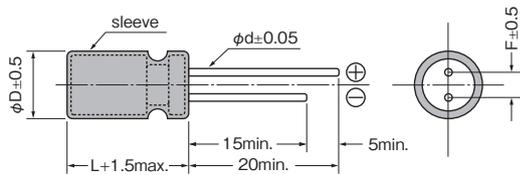


- 105°C 1,000 to 2,000hours
- Non solvent proof

Specifications

Items	Condition	Specifications					
Rated voltage (V)	—	6.3	10	16	25	35	
Surge voltage (V)	Room temperature	8.0	13	20	32	44	
Category temperature range (°C)	—	-40 to +105					
Capacitance tolerance (%)	120Hz/20°C	M : ±20					
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.24	0.20	0.16	0.14	0.12	
Leakage current (LC)	µA/after 2minutes (max.), 20°C	0.03CV					
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	2	2	2	2	2
		-40°C Z/Z _{20°C}	3	3	3	3	3
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ6.3 : 2,000hours, (6ME330SWG, 10ME220SWG : 1,000hours)				
		ΔC/C	Within ±25% of the initial value(6.3V, 10V : ±30%)				
		tanδ	Not more than 200% of the specified value				
		LC	Not more than the specified value				
Shelf Life	105°C, 1,000hours(with no voltage load)	Shall meet the endurance spec above after voltage treatment at 20deg.C per JIS C 5101-4 4.1.					

Dimensions



(Unit : mm)

φD	6.3
F	2.5
φd	0.45

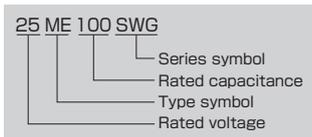
Size, ESR, Rated Ripple Current

µF	V	6.3	10	16	25	35
47						6.3x7 0.082 760
100			→	→	6.3x7 0.082 760	
150		→	→	6.3x7 0.082 760		
220		→	6.3x7 0.082 760			
330	6.3x7 0.082 760					

→Please use the higher voltage model in the next. Please refer to page 16 for ripple current frequency coefficients.

ESR(Ω) max. at 100kHz, 20°C
 Rated ripple current mArms(100kHz, 105°C)
 Case size:φDxL(mm)

Part number



Aluminum Electrolytic Capacitors Radial Lead Type

- ME-SZ
- ME-SWG
- ME-LS
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-WG
- ME-FX
- ME-FC-FD
- ME-FH
- ME-SWN
- ME-HWN