

ME-SWG Series

Low ESR, Small

7mm Height

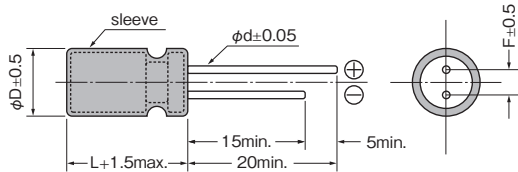


- 105°C 1,000 to 2,000hours
- Non solvent proof

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	φ5 : 1,000hours, φ6.3 : 2,000hours, (6ME330SWG, 10ME220SWG : 1,000hours)				
		ΔC/C	Within ±25% of the initial value(6.3V, 10V : ±30%)				
		tanδ	Less than 200% of the specified value				
		LC	Less than the specified value				

Dimensions



(Unit : mm)

φD	5	6.3
F	2.0	2.5
φd	0.45	0.45

Size, ESR, Rated Ripple Current

µF	6.3		10		16		25		35			
	V											
22							5×7	0.17	390	5×7	0.17	390
39							5×7	0.17	390			
47										6.3×7	0.082	760
56				5×7	0.17	390						
100	5×7	0.17	390	6.3×7	0.082	760	6.3×7	0.082	760	6.3×7	0.082	760
150	6.3×7	0.082	760	6.3×7	0.082	760	6.3×7	0.082	760			
220	6.3×7	0.082	760	6.3×7	0.082	760						
330	6.3×7	0.082	760									

Please refer to page 14 for ripple current frequency coefficients.

ESR(Ω)
max. at 100kHz, 20°C

Rated ripple current
mA_{rms}(100kHz, 105°C)

Case size:φDxL(mm)

Part number

