

ME-SWG Series

Low ESR, Small

7mm Height



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

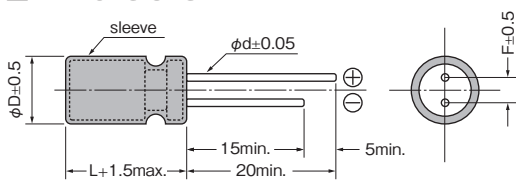
ME-SWG

 ↑ Low ESR
 ME-SAX (P.76)

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.)	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	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									

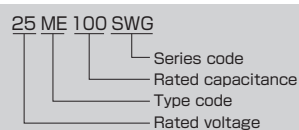
Please refer to page 14 for ripple current frequency coefficients.

 ESR(Ω)
 max. at 100kHz, 20°C

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

Case size: φD×L (mm)

Part number


 Radial Lead Type
 Aluminum Electrolytic Capacitors

ME-SWB

ME-UZ-SZ

ME-UAX-SAX

ME-SWG

ME-HC

ME-LS

ME-CZ

ME-CA

ME-CX

ME-AX

ME-WX

ME-WA

ME-WL

ME-WG

ME-FX

ME-PX

ME-HPC-HPD

ME-FC-FD

ME-FH

ME-SWN

ME-HWN