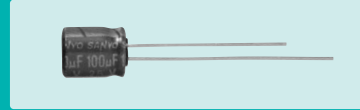


ME-SWG Series

Low ESR, Miniature
7mm Height

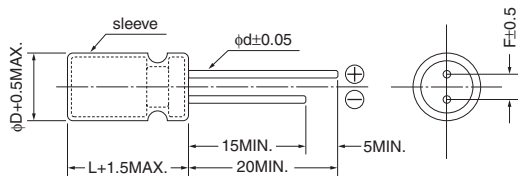


- 105°C, 1000 to 2000hrs.
- Do not clean the capacitors using solvent.

Specifications

Items		Specifications				
Rated voltage (V)		6.3	10	16	25	35
Category temperature range (°C)		-40 to +105				
Capacitance tolerance (%)		±20 (120Hz/20°C)				
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)		0.24	0.20	0.16	0.14	0.12
Leakage current (L.C.) (μA/after 2min.) (MAX.)		0.03CV				
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	2	2	2	2	2
	Z _{-40°C} /Z _{20°C}	3	3	3	3	3
Endurance 105°C	Test	φ5 : 1000hrs., φ6.3 : 2000hrs., (6ME330SWG, 10ME220SWG : 1000hrs.)				
rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value(6.3V, 10V : ±30%)				
	tanδ	≤ Twice the initial specified value				
	L.C.	≤ The initial specified value				

Dimensions



(Unit : mm)

	5	6.3
φD	2.0	2.5
F	0.45	0.45

Size List, E.S.R. , Rated Ripple Current

V Items μF	6.3			10			16			25			35		
	Case size φD x L (mm)	E.S.R. (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/100kHz	Case size φD x L (mm)	E.S.R. (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/100kHz	Case size φD x L (mm)	E.S.R. (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/100kHz	Case size φD x L (mm)	E.S.R. (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/100kHz	Case size φD x L (mm)	E.S.R. (ΩMAX.) 20°C/100kHz	Ripple current (mAr.m.s.) 105°C/100kHz
22										5 x 7	0.17	390	5 x 7	0.17	390
39							5 x 7	0.17	390	5 x 7	0.17	390			
47													6.3 x 7	0.082	760
56				5 x 7	0.17	390									
100	5 x 7	0.17	390	6.3 x 7	0.082	760	6.3 x 7	0.082	760	6.3 x 7	0.082	760			
150	6.3 x 7	0.082	760	6.3 x 7	0.082	760	6.3 x 7	0.082	760						
220	6.3 x 7	0.082	760	6.3 x 7	0.082	760									
330	6.3 x 7	0.082	760												

Model No.

