

# ME-SWG Series

Low ESR, Miniature

7mm Height

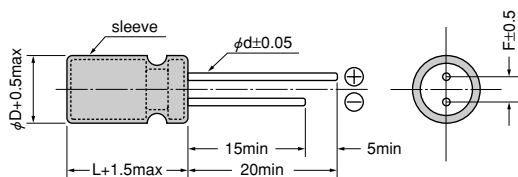


- 105°C, 1,000 to 2,000hrs.
- Do not clean the capacitors using solvent.

## 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)	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 the value at 120Hz, +20°C	-25°C Z/Z <sub>20°C</sub>	2	2	2	2
		-40°C Z/Z <sub>20°C</sub>	3	3	3	3
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ5 : 1,000hrs., φ6.3 : 2,000hrs., (6ME330SWG, 10ME220SWG : 1,000hrs.)			
		ΔC/C	Within ±25% of the initial value (6.3V, 10V : ±30%)			
		tan δ	≤ 2 times the initial specified value			
		LC	≤ The initial specified value			

## Dimensions



(Unit : mm)

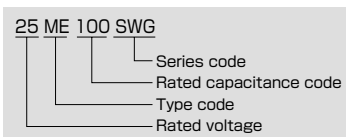
φD	5	6.3
F	2.0	2.5
φd	0.45	0.45

## Size List, ESR, Rated Ripple Current

μF	Items	6.3			10			16			25			35		
		Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA Arms) 105C/100kHz	Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA Arms) 105C/100kHz	Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA Arms) 105C/100kHz	Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA Arms) 105C/100kHz	Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA Arms) 105C/100kHz
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 15 for the ripple current frequency coefficient.

## Model No.



- CE-BJ
- CE-BE
- CE-BD
- CE-BSS
- CE-BS
- CE-FE
- CE-FD
- CE-LD
- CE-FSS
- CE-FU
- CE-FS
- CE-FH
- CE-GA
- CE-AX
- CE-KX
- CE-LX
- CE-LS
- CE-LH
- CE-LL
- CE-PC
- CE-PH
- CE-NP
- CE-FN
- ME-SWB
- ME-UZ-SZ
- ME-UAX-SAX
- ME-LS
- ME-HC
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-SWG
- ME-WG
- ME-PX
- ME-HPC-HPD
- ME-FC-FD
- ME-FAZ
- ME-FH
- ME-SWN
- ME-HWN