

ME-SWG Series

Low ESR, Small

7mm Height



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

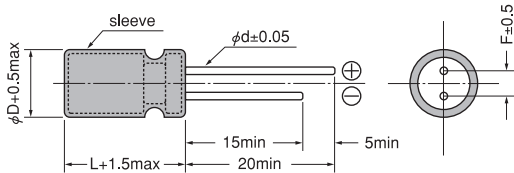
ME-SWG

↑ Low ESR
ME-SAX (P.72)

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)	tan δ (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 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%)				
		tan δ	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 \ V	6.3		10		16		25		35			
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									

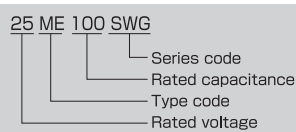
Please refer to page 15 for ripple current frequency coefficients.

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

ESR (Ω)
max at 100kHz, 20°C

Case size: φD×L (mm)

Part number



Radial Lead Type
Aluminum Electrolytic Capacitors

- CE-BE
- CE-BD
- CE-BS
- CE-BSS
- CE-FE
- CE-LD
- CE-FSS
- CE-FS
- CE-FH
- CE-LH
- CE-AX
- CE-KX
- CE-GA
- CE-LS
- CE-ZX
- CE-ZC
- CE-LX
- CE-LL
- CE-LH(High Voltage)
- CE-PC
- CE-PH
- CE-PS
- CE-PF
- CE-TH
- CE-JX
- CE-NP
- CE-FN
- 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-FH
- ME-PX
- ME-HPC·HPD
- ME-FC·FD
- ME-SWN
- ME-HWN