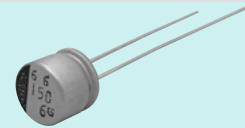


MB-UWG Series

Low ESR, High Ripple Current

5mm Height

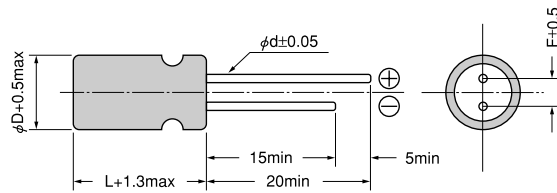
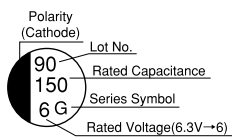


- 105°C, 1,000hrs. ● Laminated aluminum case
- Do not clean the capacitors using solvent.

Specifications

Items	Condition	Specifications				
Rated voltage (V)	—	6.3	10	16	25	
Surge voltage (V)	Room temperature	8.0	13	20	32	
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	
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
		-40°C Z/Z _{20°C}	3	3	3	3
Endurance	105°C, 1,000hrs. rated voltage applied (With the rated ripple current)	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			

Marking, Dimensions



(Unit : mm)

φD	6.3
F	2.5
φd	0.45

Size List, ESR, Rated Ripple Current

V	Items	6.3			10			16			25		
		Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA rms) 105C/100kHz	Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA rms) 105C/100kHz	Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA rms) 105C/100kHz	Case size φDxL (mm)	ESR (Ωmax) 20C/100kHz	Ripple current (mA rms) 105C/100kHz
39										6.3×5	0.14	360	
68							6.3×5	0.14	360				
100					6.3×5	0.14	360						
150		6.3×5	0.14	360									

Please refer to page 15 for the ripple current frequency coefficient.

Model No.

