

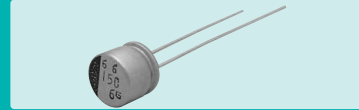
RoHS compliance

Radial Lead Type

# MB-UWG Series

Low ESR, High Ripple Current

5mm Height

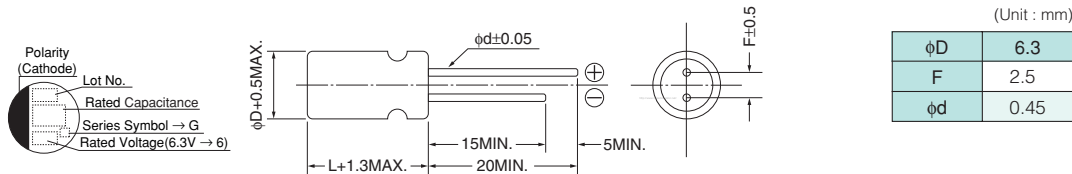


- 105°C, 1000hrs.
- Laminated aluminum case
- Do not clean the capacitors using solvent.

## Specifications

Items		Specifications			
Rated voltage (V)		6.3	10	16	25
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
Leakage current (L.C.) (μA/after 2min.) (MAX.)		0.03CV			
Impedance (120Hz) ratio at low temperature (MAX.)	Z <sub>-25°C</sub> /Z <sub>20°C</sub>	2	2	2	2
	Z <sub>-40°C</sub> /Z <sub>20°C</sub>	3	3	3	3
Endurance 105°C, 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			

## Marking, Dimensions



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

V Items	6.3			10			16			25		
	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
39										6.3 x 5	0.14	360
68							6.3 x 5	0.14	360			
100				6.3 x 5	0.14	360						
150	6.3 x 5	0.14	360									

