

DMG SERIES

Load Life: 70°C 1000 hours, Low Resistance

◆FEATURES

- Low Resistance.
- RoHS compliance.

**◆SPECIFICATIONS**

Items	Characteristics	
Category Temperature Range	-25~+70°C	
Rated Voltage Range	2.5Vdc	
Capacitance Tolerance	±20% (20°C)	
Characteristics at High and low Temperatures	Capacitance Change $\Delta C/C(+20^\circ\text{C}) \leq 30\%$	
	ESR Max, 4 times of value at +20°C (at -25°C)	
Endurance	After 1000 hours with rated voltage at 70°C, the capacitors shall meet the following requirements.	
	Capacitance Change $\Delta C/C(\text{initial}) \leq 30\%$	ESR Max, 3 times of the specification
Storage at High Temperature	After 1000 hours without load at 70°C, the capacitors shall meet the same requirements specified for endurance.	

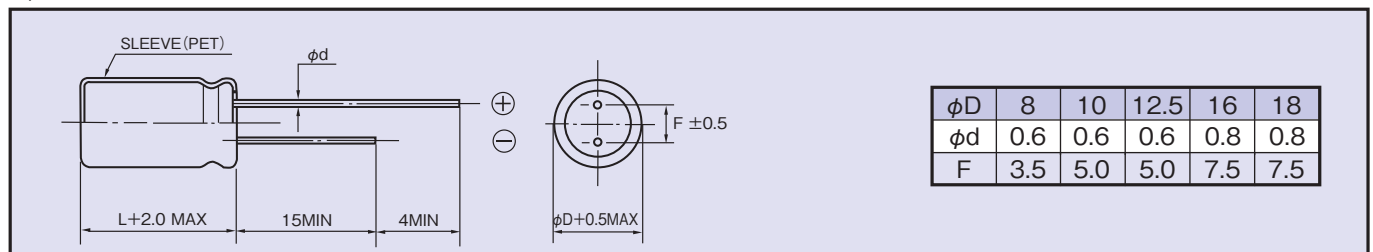
◆PART NUMBER

DMG D×L
 Rated Voltage Series Capacitance Capacitance Tolerance Option Lead Forming Case Size

Lead Forming : Please refer to aluminum electrolytic capacitors section.

◆DIMENSIONS

(mm)

**◆STANDARD SIZE**

□:Tolerance (M:±20) **:Lead Forming

Rated Voltage (Vdc)	Capacitance (F)	ESR ($\Omega/20^\circ\text{C}$, 1kHz)	φD×L (mm)	Part No.
2.5	1	0.2	8×16	2.5DMG1□**8X16
	2.2	0.2	10×16	2.5DMG2R2□**10X16
	3.3	0.15	10×20	2.5DMG3R3□**10X20
	4.7	0.1	12.5×25	2.5DMG4R7□**12.5X25
	10	0.06	16×25	2.5DMG10□**16X25
	22	0.05	18×35.5	2.5DMG22□**18X35.5
	30	0.04	18×45	2.5DMG30□**18X45