

DMB SERIES

Load Life: 70°C 1000hours

◆ FEATURES

•RoHS compliance



◆ SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	-25~+70°C	
Rated Voltage Range	2.5V.DC	
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

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

◆ DIMENSIONS

Technical drawing of a capacitor showing side and top views with dimensions and a table of values.

Side View Dimensions:

- SLEEVE (PET)
- $\phi d \pm 0.05$
- $L + 2.0 \text{ MAX}$
- 15 MIN
- 4 MIN

Top View Dimensions:

- $F \pm 0.5$
- $\phi D + 0.5 \text{ MAX}$

ϕD	8	10	12.5	16	18	20	22
ϕd	0.6	0.6	0.6	0.8	0.8	1.0	1.0
F	3.5	5.0	5.0	7.5	7.5	10.0	10.0

◆ STANDARD SIZE

Rated Voltage (V.DC)	Rated Capacitance (F)	ESR (Ω) at 1kHz	φ D×L (mm)	Part No.
2.5	2.2	1	8×16	2.5DMB2R2□**8×16
	3.3		8×20	2.5DMB3R3□**8×20
	4.7		10×20	2.5DMB4R7□**10×20
	10	0.2	10×35	2.5DMB10□**10×35
	15		12.5×25	2.5DMB10□**12.5×25
	22		12.5×30	2.5DMB15□**12.5×30
	30		16×31.5	2.5DMB22□**16×31.5
	50		16×35.5	2.5DMB30□**16×35.5
	70		18×50	2.5DMB50□**18×50
	100		20×55	2.5DMB70□**20×55
			22×65	2.5DMB100□**22×65

□:Tolerance (M: 20) **:Lead Forming