

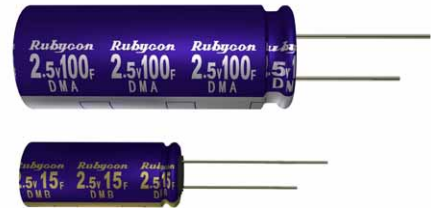
DMA SERIES

Load Life: 60°C 1000 hours

DMB SERIES

Load Life: 70°C 1000 hours

RoHS
compliance



◆SPECIFICATIONS

Items	DMA	DMB
Category Temperature Range	-25~+60°C	-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 60°C (DMA) or 70°C (DMB), 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 emperature	After 1000 hours without load at 60°C (DMA) or 70°C (DMB), the capacitors shall meet the same requiremnts specifiied for endurance.	

◆PART NUMBER

□□□ □□□ □□□ M □□□ □□ DxL
 Rated Voltage Series Capacitance Capacitance Tolerance Option Lead Forming Case Size

Lead Forming : Please refer to aluminum electrolytic capacitors section.

◆DIMENSIONS

(mm)

Technical drawing of a Rubycon capacitor showing side and end views with dimensions and a specification table.

Side View Dimensions:

- SLEEVE (PET)
- ϕd
- $L+2.0 \text{ MAX}$
- 15 MIN
- 4 MIN

End 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

**Lead Forming

Series	Rated Voltage(Vdc)	Capacitance(F)	ESR (Ω/20°C, 1kHz)	φD x L (mm)	Part No.
DMA	2.5	50	0.1	18×35.5	2.5DMA50M**18×35.5
		60		18×40	2.5DMA60M**18×40
		100		20×55	2.5DMA100M**20×55
		190		22×65	2.5DMA190M**22×65
DMB	2.5	2.2	1	8×16	2.5DMB2R2M**8×16
		3.3		8×20	2.5DMB3R3M**8×20
		4.7		10×20	2.5DMB4R7M**10×20
		10	0.2	10×35	2.5DMB10M**10×35
				12.5×25	2.5DMB10M**12.5×25
		15		12.5×30	2.5DMB15M**12.5×30
		22	0.1	16×25	2.5DMB22M**16×25
		30		16×31.5	2.5DMB30M**16×31.5
		50		18×40	2.5DMB50M**18×40
		70		20×45	2.5DMB70M**20×45
		100		20×55	2.5DMB100M**20×55
		150		22×65	2.5DMB150M**22×65