

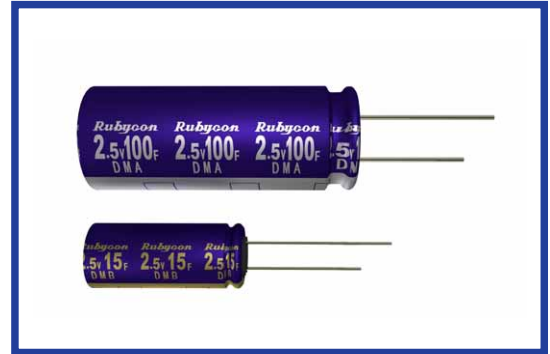
**DMA SERIES**

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	ΔC/C (+20°C)   ≤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	ΔC/C (initial)   ≤30%
Storage at High emperature	After 1000 hours without load at 60°C(DMA) or 70°C(DMB), the capacitors shall meet the same requirements specified for endurance.	
	ESR	Max. 3 times of the specification

**PART NUMBER**

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 M / 
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 D×L

Rated Voltage    Series    Capacitance    Capacitance Tolerance    Option    Lead Forming    Case Size

Lead Forming : Please refer to aluminum electrolytic capacitors section.

**DIMENSIONS**

(mm)

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	
		12.5×30		2.5DMB15M**12.5×30	
		15	0.1	16×25	2.5DMB22M**16×25
		22		16×31.5	2.5DMB30M**16×31.5
		30		18×40	2.5DMB50M**18×40
		50		20×45	2.5DMB70M**20×45
		70		20×55	2.5DMB100M**20×55
		100		22×65	2.5DMB150M**22×65
		150			