



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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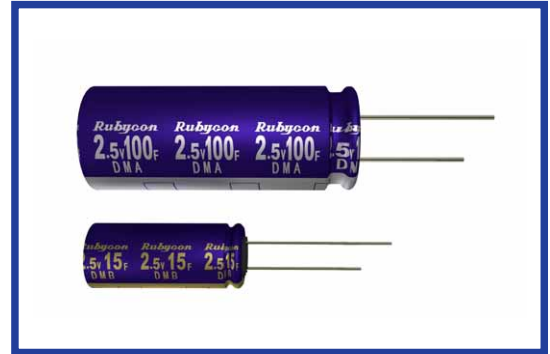
**DMA SERIES**

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%
	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 specified for endurance.	

**PART NUMBER**

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 M / 
 □□□ / 
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 D×L

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	0.5	10×20	2.5DMB4R7M**10×20	
		10		10×35	2.5DMB10M**10×35	
		0.2	12.5×25	2.5DMB10M**12.5×25		
			15	12.5×30	2.5DMB15M**12.5×30	
			22	16×25	2.5DMB22M**16×25	
			0.1	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	