



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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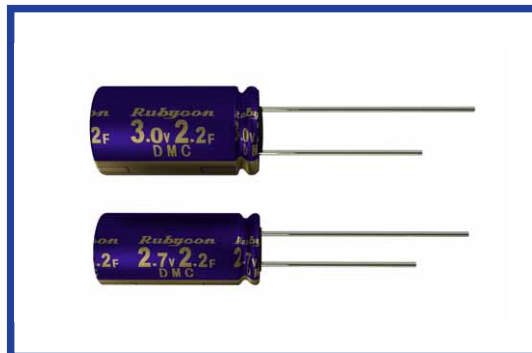
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DMC SERIES

Load Life: 2.7V, 3V 1000hours



SPECIFICATIONS

Items	Characteristics	
Category Temperature Range	-25~+70°C	-25~+60°C
Rated Voltage Range	2.7Vdc	3.0Vdc
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 upper category temperature, 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 upper category temperature, the capacitors shall meet the same requirements specified for endurance.	

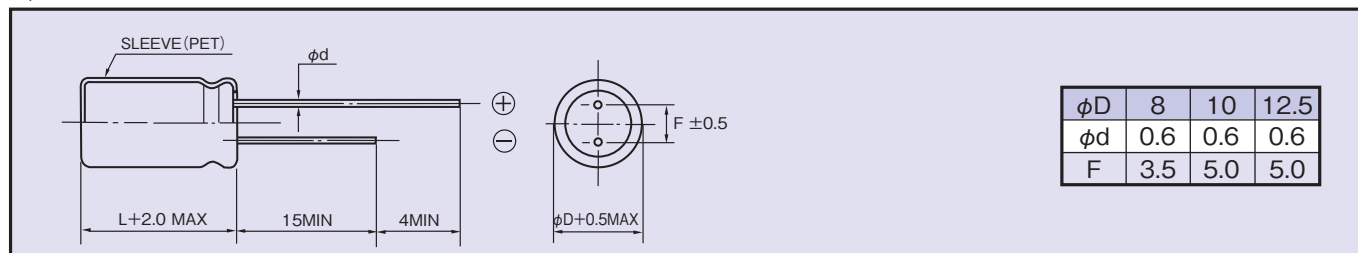
PART NUMBER



Lead Forming : Please refer to aluminum electrolytic capacitors section.

DIMENSIONS

(mm)



STANDARD SIZE

**Lead Forming

Rated Voltage (Vdc)	Capacitance (F)	ESR ($\Omega/20^\circ\text{C}, 1\text{kHz}$)	$\phi D \times L$ (mm)	Part No.
2.7	2.2	1	8×18	2.7DMC2R2M**8×18
	4.7	0.5	10×23	2.7DMC4R7M**10×23
	10	0.2	12.5×30	2.7DMC10M**12.5×30
3.0	1	2	8×18	3.0DMC1M**8×18
	2.2	1	10×18	3.0DMC2R2M**10×18
	3.3	0.7	10×23	3.0DMC3R3M**10×23