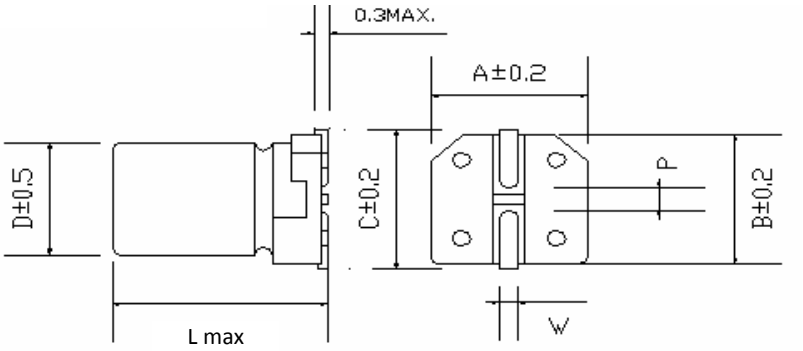
Aluminum Electrolytic Capacitor

MV series

Part number	MV101M016E077ETR	
Capacitance	100	µF
Voltage	16	VDC
Surge Voltage	18	VDC
Capacitance Tolerance (@120Hz, +20°C)	±20	%
Ripple current (max, @120Hz,+105°C)	81	mA
Dissipation factor (tanδ @120Hz, +20°C)	22	%
Leakage Current (max, @ +20°C)*	16	µA
Size	6.3x7.7	mm
Operating temperature	-40 to 105	°C
Endurance	5000	h

*L.C. I≦ 0.01CV or 3µA (C = CAP., V = W.V.)
After 2 minutes, whichever is greater measured with rated working voltage applied.

Test conditions	Endurance	Shelf Life
Duration time	5000h @ 105°C	1000h @ 105°C
Applied voltage	Rated DC working voltage,I_R	None
After test requirements (+20°C):		
Capacitance change	≤ ±30% of initial measured value	
Dissipation factor change	≤ 300% of the initial specified value	
Leakage current	≤ the initial specified value	
comment		Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 min.



D	L	A	B	C	W	P±0.2
6.3	7.7	6.6	6.6	7.2	0.5~0.8	2.2

Series	Cap	Tol.	Voltage	Case D	Case L	Type	Cust.
1_2	3_4_5	6	7_8_9	10	11_12_13	14_15_16	17_18_19_20
MV	**101**	**M**	**016**	**E**	**077**	**ETR**	
	=100µF	=±20%	=16V	=6.3mm	=7.7mm	=tape and reel	no request
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