

## ZV series

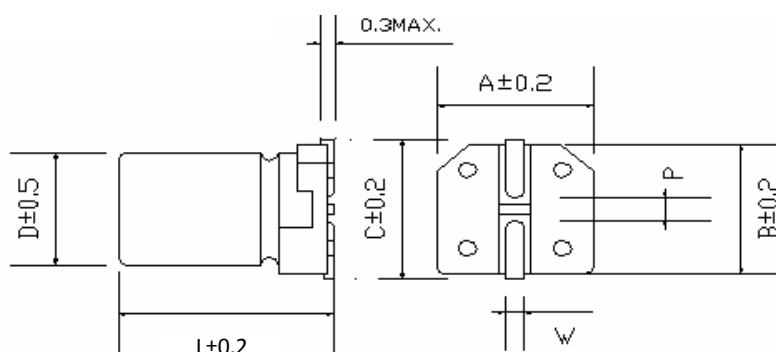
Part number	<b>ZV100M050E055ETR</b>	
Capacitance	10	μF
Voltage	50	VDC
Surge Voltage	58	VDC
Capacitance Tolerance (@120Hz, +20°C)	±20	%
Ripple current (max, @100KHz,+105°C)	100	mA
Dissipation factor (tanδ @120Hz, +20°C)	12	%
Leakage Current (max, @ +20°C)*	5	μA
Impedance (max. @ 100KHz,+20°C)	2.5	Ω
Size	6.3x5.5	mm
Operating temperature	-55 to 105	°C
Endurance	2000	h



\*L.C.  $I \leq 0.01CV$  or  $3\mu A$  (C = CAP., V = W.V.)

After 2 minutes, whichever is greater measured with rated working voltage applied.

Test conditions	Endurance	Shelf Life
Duration time	2000h @ 105°C	1000h @ 105°C
Applied voltage	Rated DC working voltage, $I_R$	None
After test requirements (+20°C):		
Capacitance change	$\leq \pm 25\%$ of initial measured value	
Dissipation factor change	$\leq 200\%$ of the initial specified value	
Leakage current	$\leq$ 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	5.5	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
<b>ZV</b>	<b>100</b>	<b>M</b>	<b>050</b>	<b>E</b>	<b>055</b>	<b>ETR</b>	
	=10μF	=±20%	=50V	=6.3mm	=5.5mm	=tape and reel	no request
	...						