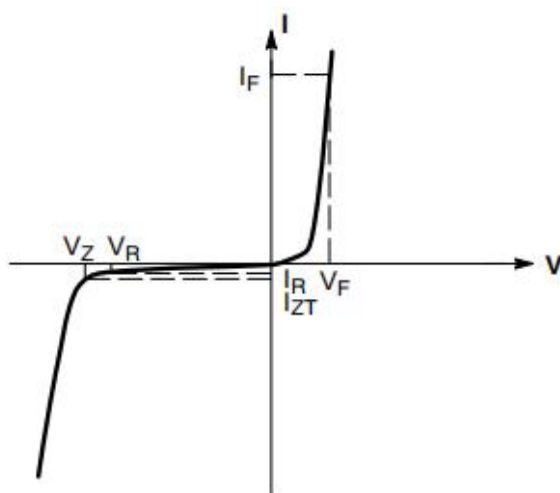


LL-41 Surface Mounted Zener Diode 表面贴装稳压二极管



■ Absolute Maximum Ratings 最大额定值

Characteristic 特性参数	Symbol 符号	Rat 额定值	Unit 单位
Power dissipation 耗散功率	P_D ($T_a=25^\circ\text{C}$)	1000	mW
Thermal Resistance Junction-Ambient 热阻	$R_{\theta JA}$	175	$^\circ\text{C/W}$
Forward Voltage 正向电压	V_F (@ $I_F=200\text{mA}$)	1.2	V
Reverse Voltage 反向电压	V_Z	3.3-56	V
Junction and Storage Temperature 结温和储藏温度	T_J, T_{stg}	175 $^\circ\text{C}$, -55to+175 $^\circ\text{C}$	

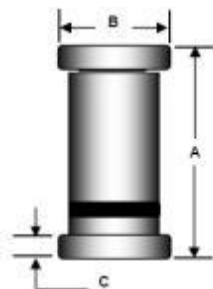


■ Electrical Characteristics 电特性

($T_A=25^\circ\text{C}$ unless otherwise noted 如无特殊说明, 温度为 25°C)

Device Type	V _z @I _{zt} (Volts)	I _{zt} (mA)	Z _{zt} @I _{zt} (Ω)	I _{zk} (mA)	Z _{zk} @I _{zk} (Ω)	IR@VR (mA)	VR (V _{pk})
ZM4728A	3.3	76	10	1	400	100	1
ZM4729A	3.6	69	10	1	400	100	1
ZM4730A	3.9	64	9	1	400	50	1
ZM4731A	4.3	58	9	1	400	10	1
ZM4732A	4.7	53	8	1	500	10	1
ZM4733A	5.1	49	7	1	550	10	1
ZM4734A	5.6	45	5	1	600	10	2
ZM4735A	6.2	41	2	1	700	10	3
ZM4736A	6.8	37	3.5	1	700	10	4
ZM4737A	7.5	34	4	0.5	700	10	5
ZM4738A	8.2	31	4.5	0.5	700	10	6
ZM4739A	9.1	28	5	0.5	700	10	7
ZM4740A	10	25	7	0.25	700	10	7.6
ZM4741A	11	23	8	0.25	700	5	8.4
ZM4742A	12	21	9	0.25	700	5	9.1
ZM4743A	13	19	10	0.25	700	5	9.9
ZM4744A	15	17	14	0.25	700	5	11.4
ZM4745A	16	15.5	16	0.25	700	5	12.2
ZM4746A	18	14	20	0.25	700	5	13.7
ZM4747A	20	12.5	22	0.25	750	5	15.2
ZM4748A	22	11.5	23	0.25	750	5	16.7
ZM4749A	24	10.5	25	0.25	750	5	18.2
ZM4750A	27	9.5	35	0.25	750	5	20.6
ZM4751A	30	8.5	40	0.25	1000	5	22.8
ZM4752A	33	7.5	45	0.25	1000	5	25.1
ZM4753A	36	7	50	0.25	1000	5	27.4
ZM4754A	39	6.5	60	0.25	1000	5	29.7
ZM4755A	43	6	70	0.25	1500	5	32.7
ZM4756A	47	5.5	80	0.25	1500	5	35.8
ZM4757A	51	5	95	0.25	1500	5	38.8
ZM4758A	56	4.5	110	0.25	2000	5	42.6

■Dimension 外形封装尺寸



D I M	LL-41 MELF			
	Millimeters		Inches	
	Min	Max	Min	Max
A	4.80	5.20	0.189	0.205
B	2.39	2.66	0.094	0.105
C	0.41	0.55	0.016	0.022