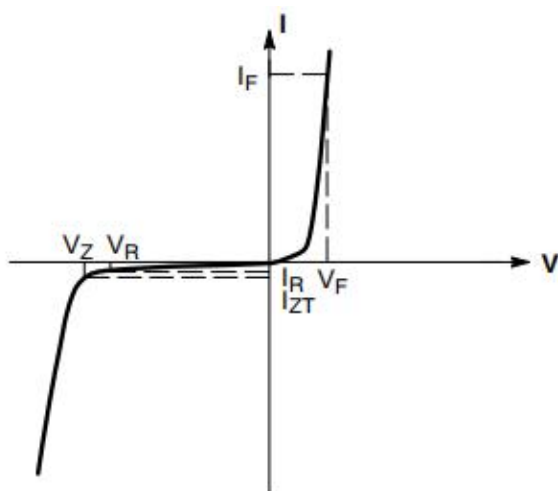


LL-34 Surface Mounted Zener Diode 表面贴装稳压二极管



■ 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 ($T_a=25^\circ\text{C}$)	500	mW
Thermal Resistance Junction-Ambient 热阻	$R_{\theta JA}$	300	$^\circ\text{C/W}$
Forward Voltage 正向电压	V_F (@ $I_F=100\text{mA}$)	1	V
Reverse Voltage 反向电压	V_Z	2.0-56	V
Junction and Storage Temperature 结温和储藏温度	T_J, T_{stg}	175 $^\circ\text{C}$, -55to+175 $^\circ\text{C}$	

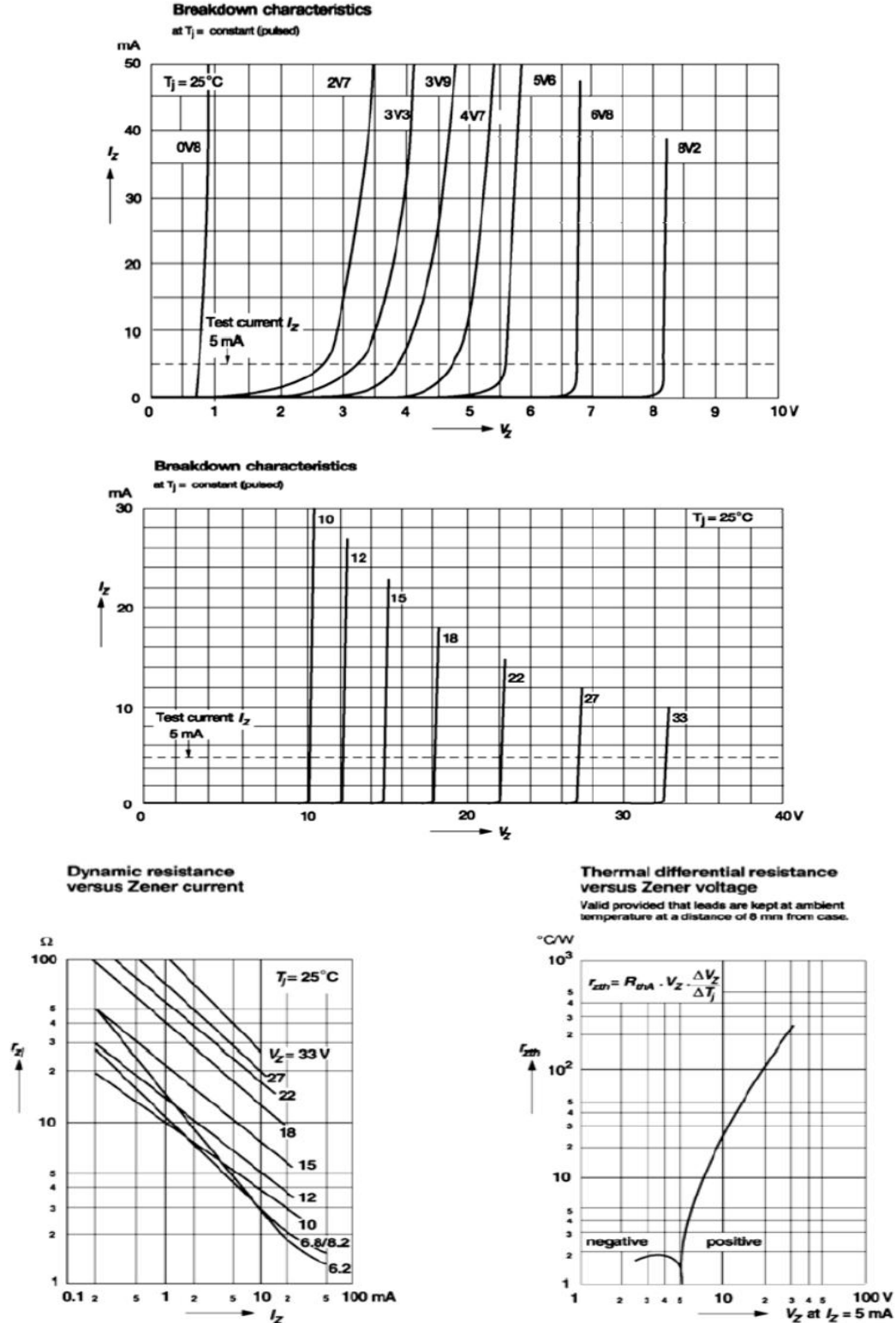


■ Electrical Characteristics 电特性

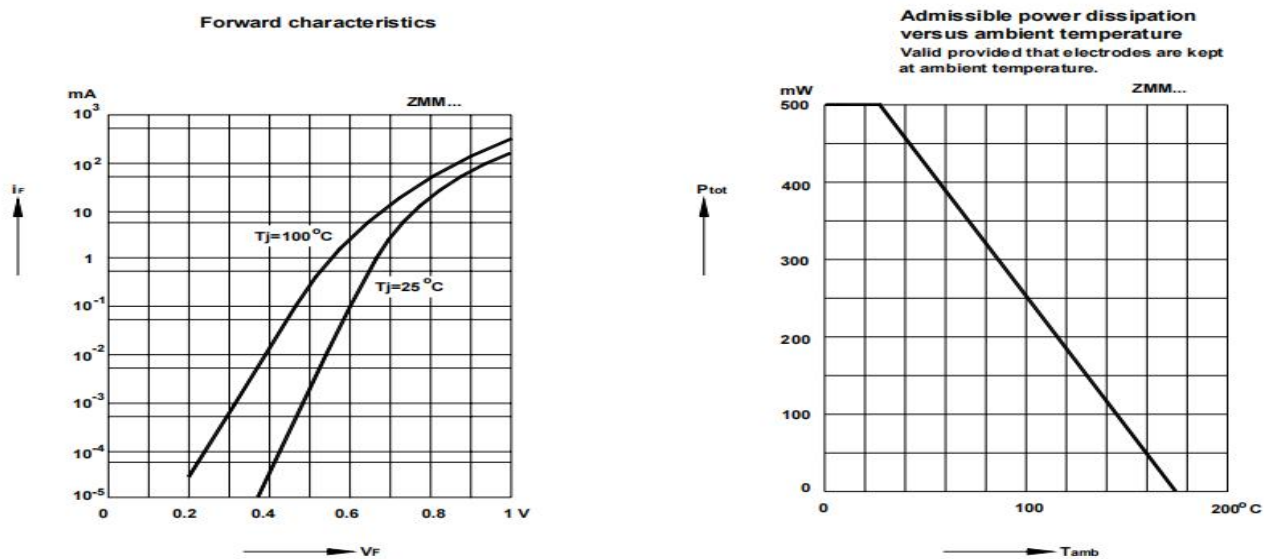
($T_A=25^\circ\text{C}$ unless otherwise noted 如无特殊说明, 温度为 25°C)

Type	V _Z (V)		Z _{ZK}	Z _{ZT}	TEMP. COEFF. S _Z (mV/K)		I _R (uA)@V _R (V)		
	@I _{ZT} =5mA		@I _{ZK} =1mA	@I _{ZT} =5mA	@I _{ZT} =5mA				
	MIN.	MAX.	MAX.	MAX.	MIN.	MAX.	25°C	125°C	@V _R
BZV55C2V	1.9	2.1	600	85	-0.09	-0.06	50	100	1
BZV55C2V	2.2	2.6	600	85	-0.09	-0.06	50	100	1
BZV55C2V	2.5	2.9	600	85	-0.09	-0.06	10	50	1
BZV55C3V	2.8	3.2	600	85	-0.08	-0.05	4	40	1
BZV55C3V	3.1	3.5	600	85	-0.08	-0.05	2	40	1
BZV55C3V	3.4	3.8	600	85	-0.08	-0.05	2	40	1
BZV55C3V	3.7	4.1	600	85	-0.08	-0.05	2	40	1
BZV55C4V	4.0	4.6	600	75	-0.06	-0.03	1	20	1
BZV55C4V	4.4	5.0	600	60	-0.05	0.02	0.5	10	1
BZV55C5V	4.8	5.4	550	35	-0.02	0.02	0.1	2	1
BZV55C5V	5.2	6.0	450	25	-0.05	0.05	0.1	2	1
BZV55C6V	5.8	6.6	200	10	0.03	0.06	0.1	2	2
BZV55C6V	6.4	7.2	150	8	0.03	0.07	0.1	2	3
BZV55C7V	7.0	7.9	50	7	0.03	0.07	0.1	2	5
BZV55C8V	7.7	8.7	50	7	0.03	0.08	0.1	2	6.2
BZV55C9V	8.5	9.6	50	10	0.03	0.09	0.1	2	6.8
BZV55C10	9.4	10.6	70	15	0.03	0.1	0.1	2	7.5
BZV55C11	10.4	11.6	70	20	0.03	0.11	0.1	2	8.2
BZV55C12	11.4	12.7	90	20	0.03	0.11	0.1	2	9.1
BZV55C13	12.4	14.1	110	26	0.03	0.11	0.1	2	10
BZV55C15	13.8	15.6	110	30	0.03	0.11	0.1	2	11
BZV55C16	15.3	17.1	170	40	0.03	0.11	0.1	2	12
BZV55C18	16.8	19.1	170	50	0.03	0.11	0.1	2	13
BZV55C20	18.8	21.2	220	55	0.03	0.11	0.1	2	15
BZV55C22	20.8	23.3	220	55	0.04	0.12	0.1	2	16
BZV55C24	22.8	25.6	220	80	0.04	0.12	0.1	2	18
BZV55C27	25.1	28.9	220	80	0.04	0.12	0.1	2	20
BZV55C30	28.0	32.0	220	80	0.04	0.12	0.1	2	22
BZV55C33	31.0	35.0	220	80	0.04	0.12	0.1	2	24
BZV55C36	34.0	38.0	220	80	0.04	0.12	0.1	2	27
BZV55C39	37.0	41.0	500	90	0.04	0.12	0.1	5	30
BZV55C43	40.0	46.0	500	90	0.04	0.12	0.1	5	33
BZV55C47	44.0	50.0	600	110	0.04	0.12	0.1	5	36
BZV55C51	48.0	54.0	700	125	0.04	0.12	0.1	10	39
BZV55C56	53.2	58.8	1000	135	0.04	0.12	0.1	10	43

■ Typical Characteristic Curve 典型特性曲线

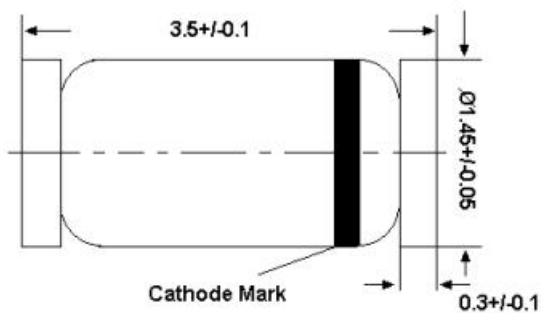


■ Typical Characteristic Curve 典型特性曲线



■ Dimension 外形封装尺寸

LL-34



Glass case MiniMELF
Dimensions in mm