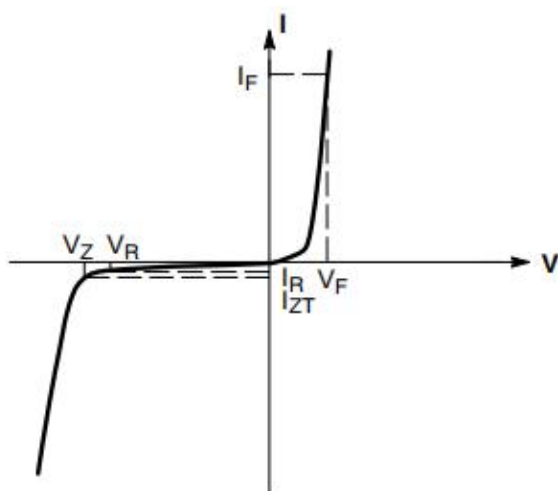


LL-34 Surface Mounted Zener Diode 表面贴装稳压二极管



■ 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	2.4-39	V
Junction and Storage Temperature 结温和储藏温度	T_J, T_{stg}	175 $^\circ\text{C}$, -55to+175 $^\circ\text{C}$	

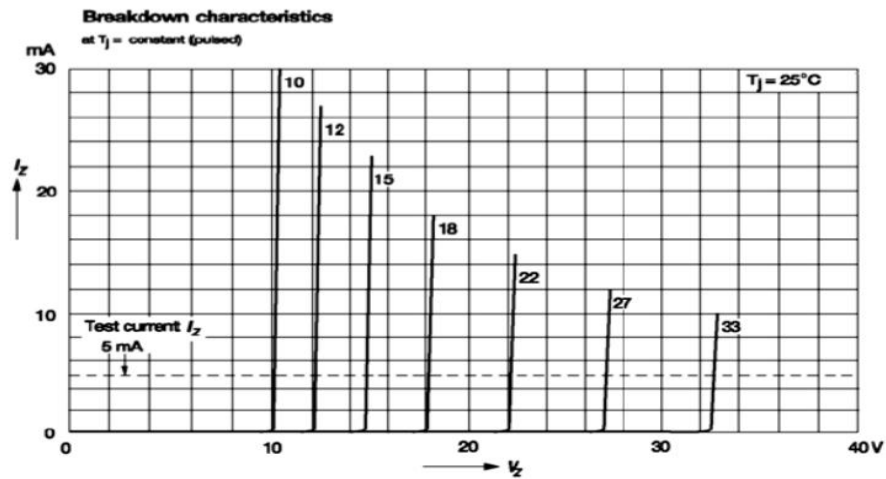
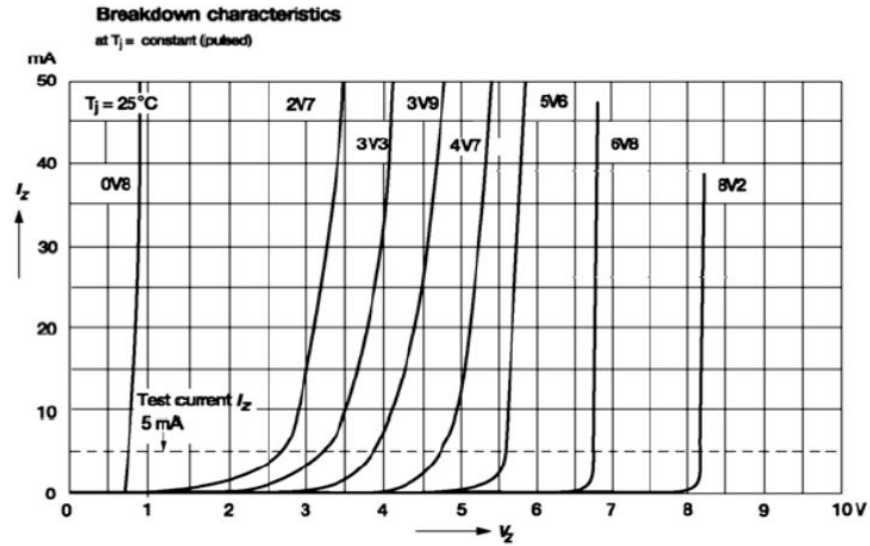


■ Electrical Characteristics 电特性

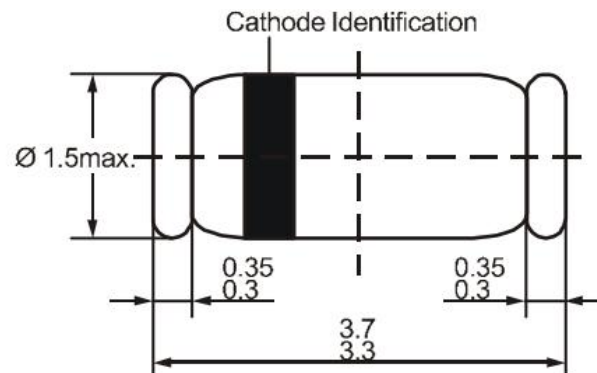
($T_A=25^\circ\text{C}$ unless otherwise noted 如无特殊说明, 温度为 25°C)

型号	稳定电压范围			动态阻抗				反向漏电流		容许最大工作电流
TYPE	Zener Voltage Range @I _{ZT}			Dynamic Resistance				Reverse Leakage Current@V _R		Maximum Zener Current
	V _Z		I _{ZT}	Z _{ZT} @I _{ZT}		Z _{ZK} @I _{ZK}		I _R	V _R	I _{ZM}
LL-34 package	V		I _{ZT} (mA)	Ω	I _{ZT} (mA)	Ω	I _{ZK} (mA)	uA	V	mA
	MIN	MAX		MAX		MAX		MAX		MAX
BZV55B2V4	2.352	2.448	5	100	5	1000	0.5	100	1.0	145
BZV55B2V7	2.646	2.754	5	110	5	1000	0.5	80	1.0	135
BZV55B3V0	2.94	3.06	5	120	5	1000	0.5	55	1.0	130
BZV55B3V3	3.234	3.366	5	120	5	1000	0.5	15	1.0	120
BZV55B3V6	3.528	3.672	5	120	5	1100	0.5	10	1.0	110
BZV55B3V9	3.822	3.978	5	120	5	1200	0.5	5	1.0	100
BZV55B4V3	4.214	4.386	5	120	5	1200	0.5	5	1.0	90
BZV55B4V7	4.606	4.794	5	100	5	1200	0.5	5	1.0	85
BZV55B5V1	4.998	5.202	5	70	5	1200	0.5	5	1.5	78
BZV55B5V6	5.488	5.712	5	40	5	900	0.5	5	2.5	70
BZV55B6V2	6.076	6.324	5	30	5	500	0.5	5	3.0	64
BZV55B6V8	6.664	6.936	5	25	5	150	0.5	2	3.5	58
BZV55B7V5	7.35	7.65	5	25	5	120	0.5	0.3	4.0	53
BZV55B8V2	8.036	8.364	5	20	5	120	0.5	0.3	5.0	48
BZV55B9V1	8.918	9.282	5	20	5	120	0.5	0.3	6.0	43
BZV55B10	9.8	10.2	5	20	5	120	0.5	0.2	7.0	40
BZV55B11	10.78	11.22	5	20	5	120	0.5	0.2	8.0	36
BZV55B12	11.76	12.24	5	25	5	110	0.5	0.2	9.0	33
BZV55B13	12.74	13.26	5	25	5	110	0.5	0.2	10.0	30
BZV55B15	14.7	15.3	5	25	5	110	0.5	0.2	11.0	26
BZV55B16	15.68	16.32	5	25	5	150	0.5	0.2	12.0	25
BZV55B18	17.64	18.36	5	30	5	150	0.5	0.2	13.0	22
BZV55B20	19.6	20.4	5	30	5	200	0.5	0.2	15.0	20
BZV55B22	21.56	22.44	5	30	5	200	0.5	0.2	17.0	18
BZV55B24	23.52	24.48	5	35	5	200	0.5	0.2	19.0	16
BZV55B27	26.46	27.54	5	45	5	250	0.5	0.2	21.0	14
BZV55B30	29.4	30.6	5	55	5	250	0.5	0.2	23.0	13
BZV55B33	32.34	33.66	5	65	5	250	0.5	0.2	25.0	12
BZV55B36	35.28	36.72	5	75	5	250	0.5	0.2	27.0	11
BZV55B39	38.22	39.78	2.5	85	5	250	0.5	0.2	30.0	10

■ Typical Characteristic Curve 典型特性曲线



■ Dimension 外形封装尺寸





安徽富信半导体科技有限公司
ANHUI FOSAN SEMICONDUCTOR TECHNOLOGY CO., LTD.