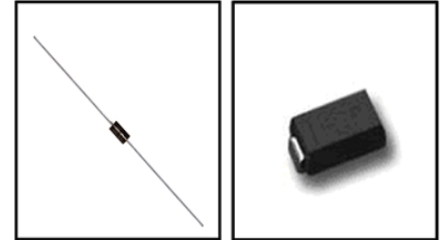


特性/机械性能:
FEATURES/MECHANICAL DATE

- ◆ 小电流下的齐纳阻抗低 Zener shed little electric impedance is low
- ◆ 高可靠性 High reliability
- ◆ 耐焊接热: 轴向产品250°C/10S, 引出端0.375" (9.5mm) 处。
贴片产品250°C/10S, 引出端1.5mm处。

Welding heat resistance: Axial product 250 °C / 10S, terminal 0.375 "(9.5 mm).

SMD product 250 °C / 10S, terminal 1.5 mm.



DO-41

SMA/DO-214AC

- ◆ 封装: 模塑封装 Case: Molded plastic
- ◆ 引线: 电镀可焊性符合MIL-STD-202E, 方法208C
Lead: Axial lead solderable per MIL-STD-202, method 208 guaranteed
- ◆ 极性: 色环表示阴极 Polarity: Color band denotes cathode
- ◆ 安装位置: 任意 Mounting position: Any

最大额定值及电气特性:
MAXIMUM RATINGS AND CHARACTERISTICS

测量环境温度为25°C, 除非另有规定。

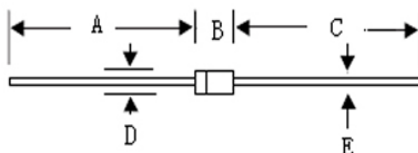
Rating at 25°C ambient temperature unless otherwise specified.

参数名称 Papt Number	符号Symbol	数值Value	单位Unit
齐纳电流 The zener current	I _Z MAX	见表See table	mA
耗散功率@Ta=25°C Power Dissipation@Ta=25°C	P _t	1.3	W
正向电压@IF=200mA Forward voltage@IF=200mA	V _F	1.0	V
热阻抗(结至周围环境) Thermal impedance (junction to ambient)	R _{θJA}	130	K / W
使用及储存温度范围 Operating and Storage Temperature Range	T _J , T _{STG}	-55 ~ +175	°C

注 释: 轴向产品距离管体9.5mm引线处的温度, 设定为环境温度。贴片产品在引线末端安装5×5mm散热铜片。
 Notes: Axial lead product tube 9.5 mm lead in body temperature, set to ambient temperature. SMD products installed in the end of the wire 5 x 5 mm cooling copper.

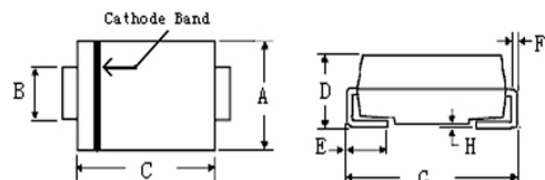
产品外形尺寸:
PRODUCT APPEARANCE SIZE

DO-41



DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	1.0		25.4	
B	0.161	0.205	4.1	5.2
C	1.0		25.4	
D	0.080	0.107	2.0	2.7
E	0.028	0.034	0.71	0.86

SMA/DO-214AC



DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.096	0.108	2.45	2.75
B	0.049	0.061	1.25	1.55
C	0.171	0.183	4.35	4.65
D	0.075	0.091	1.90	2.30
E	0.031	0.055	0.80	1.40
F	0.005	0.011	0.13	0.27
G	0.191	0.203	4.85	5.15
H		0.008		0.203

电特性:
ELECTRICAL CHARACTERISTICS

型号 TYPE	齐纳电压 Zener voltage		最大齐纳阻抗 Maximum dynamic resistance			最大反向漏电流 Maximum Leakage Current @VR		最大正向压 Max forward voltage
	V Z@IZT	IZT	Z ZT @IZT	Z ZK @IZK	I ZK	IR@VR	VR	V _F @I _F =0.2A
	V	mA	Ω	Ω	mA	μA	V	V
BZX85 C6V8	6.8	35	3.5	300	1.0	50	4.0	1.0
BZX85 C7V5	7.5	35	3.0	200	0.5	50	4.5	1.0
BZX85 C8V2	8.2	25	5.0	200	0.5	50	6.2	1.0
BZX85 C9V1	9.1	25	5.0	200	0.5	50	6.8	1.0
BZX85 C10	10	25	7.0	200	0.5	50	7.5	1.0
BZX85 C11	11	20	8.0	300	0.5	50	8.2	1.0
BZX85 C12	12	20	9.0	350	0.5	0.5	9.1	1.0
BZX85 C13	13	20	10	400	0.5	0.5	10	1.0
BZX85 C15	15	15	15	500	0.5	0.5	11	1.0
BZX85 C16	16	15	15	500	0.5	0.5	12	1.0
BZX85 C18	18	15	20	500	0.5	0.5	13	1.0
BZX85 C20	20	10	24	600	0.5	0.5	15	1.0
BZX85 C22	22	10	25	600	0.5	0.5	16	1.0
BZX85 C24	24	10	25	600	0.5	0.5	18	1.0
BZX85 C27	27	8.0	30	750	0.25	0.5	20	1.0
BZX85 C30	30	8.0	30	1000	0.25	0.5	22	1.0
BZX85 C33	33	8.0	35	1000	0.25	0.5	24	1.0
BZX85 C36	36	8.0	40	1000	0.25	0.5	27	1.0
BZX85 C39	39	6.0	50	1000	0.25	0.5	30	1.0
BZX85 C43	43	6.0	50	1000	0.25	0.5	33	1.0
BZX85 C47	47	4.0	90	1500	0.25	0.5	36	1.0
BZX85 C51	51	4.0	115	1500	0.25	0.5	39	1.0
BZX85 C56	56	4.0	120	2000	0.25	0.5	43	1.0
BZX85 C62	62	4.0	125	2000	0.25	0.5	47	1.0
BZX85 C68	68	4.0	130	2000	0.25	0.5	51	1.0
BZX85 C75	75	4.0	135	2000	0.25	0.5	56	1.0
BZX85 C82	82	2.7	200	3000	0.25	0.5	62	1.0
BZX85 C91	91	2.7	250	3000	0.25	0.5	68	1.0
BZX85 C100	100	2.7	350	3000	0.25	0.5	75	1.0
BZX85 C110	110	2.7	450	4000	0.25	0.5	82	1.0
BZX85 C120	120	2.0	550	4500	0.25	0.5	91	1.0
BZX85 C130	130	2.0	700	5000	0.25	0.5	100	1.0
BZX85 C150	150	2.0	1000	6000	0.25	0.5	110	1.0
BZX85 C160	160	1.5	1100	6500	0.25	0.5	120	1.0
BZX85 C180	180	1.5	1200	7000	0.25	0.5	130	1.0
BZX85 C200	200	1.5	1500	8000	0.25	0.5	150	1.0

注：标准型的齐纳电压值偏差为10%. Note: the zener voltage value of the standard deviation of 10%.

特性曲线图:

RATINGS AND CHARACTERISTIC CURVES

