



修订记录

A	2019-7-4	ALL	SMA-W-1SMA5913A_1SMA5 957A		
B	2021-6-7	4/7	b 5 50000 7 70000 340X340X40、350X350X230 336X336X40、380X335X366		



描述

SMA

Zener Diode in a SMA Plastic Package.

特征

1.5W

3.3~240V

Total power dissipation: Max. 1.5W, Wide zener reverse voltage range 3.3V to 240V, Small plastic package suitable for surface mounted design. HF Product.

General purpose.



印章代码

See Marking Instructions.



Parameter	Symbol	Rating	Unit
75°C	P _D	1.5	W
200 mA	V _F	1.5	V
ange	T _J	- 55 to + 150	°C
ange	T _{STG}	- 55 to + 150	°C

Zener Voltage Range (note2)				Dynamic Impedance	Reverse Current		Admissible Zener Current
V _{ZT} (at I _{ZT})			at I _{ZT}	Z _{ZT} (at I _{ZT})	I _R	at V _R	
Min (V)	Nom (V)	Max (V)	(mA)	Max (Ω)	Max(μ A)	(V)	I _{ZM} (mA)
2.97	3.3	3.63	113.6	10	100	1	454
3.24	3.6	3.96	104.2	9.0	75	1	416
3.51	3.9	4.29	96.1	7.5	25	1	384
3.87	4.3	4.73	87.2	6.0	5	1	348
4.23	4.7	5.17	79.8	5.0	5	1.5	319
4.59	5.1	5.61	73.5	4.0	5	2	294
5.04	5.6	6.16	66.9	2.0	5	3	267
5.58	6.2	6.82	60.5	2.0	5	4	241
6.12	6.8	7.48	55	2.5	5	5.2	220
6.75	7.5	8.25	50	3.0	5	6	200
7.38	8.2	9.02	45.7	3.5	5	6.5	182
8.19	9.1	10.01	41.2	4.0	5	7	164
				4.5	5	8	150



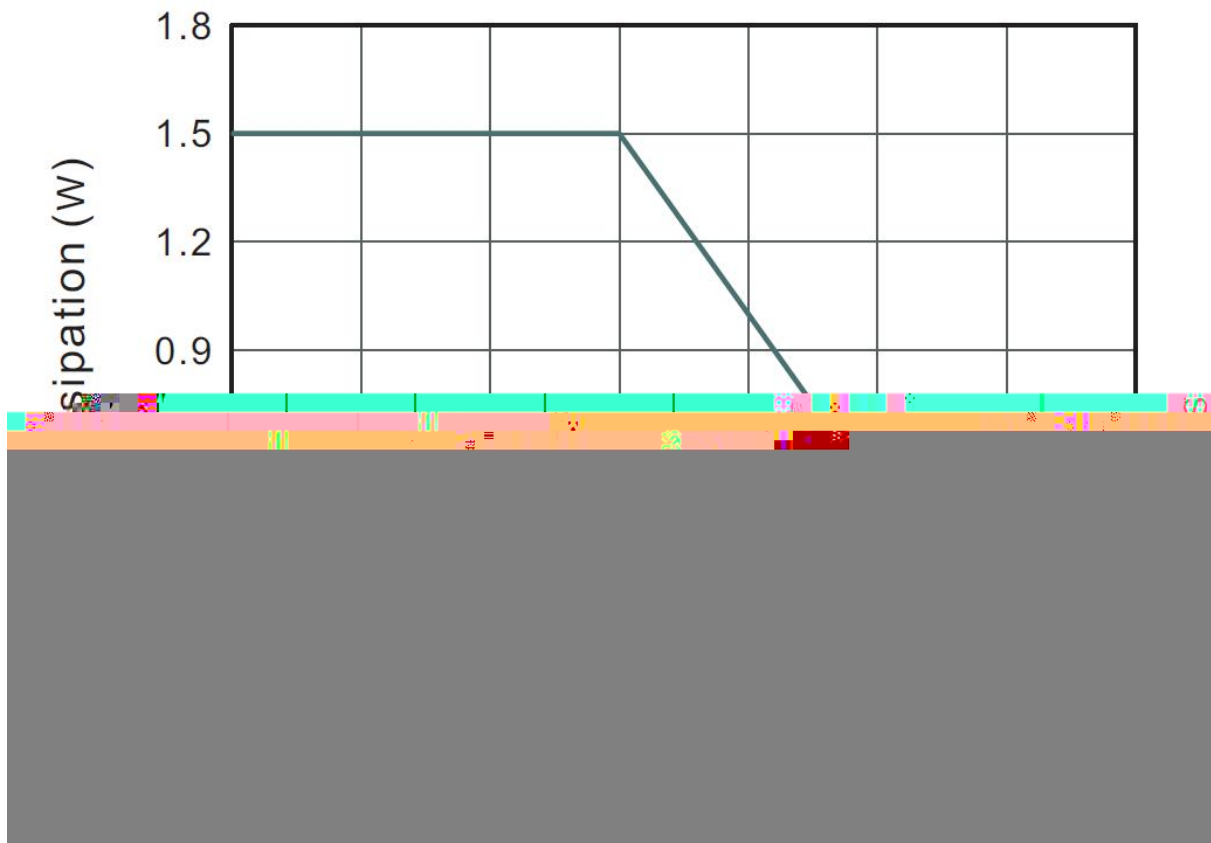
Rev.B Jun.-2021

Working Voltage (V)	Zener Voltage Range (note2)				Dynamic Impedance	Reverse Current		Admissible Zener Current
	VZT (at I _{ZT})			at I _{ZT}	Z _{ZT} (at I _{ZT})	I _R	at V _R	I _{ZM} (mA)
	Min (V)	Nom (V)	Max (V)	(mA)	Max (Ω)	Max(μ a)	(V)	
9317	16.2	18	19.8	21	12	1	13.7	83
932A	18	20	22	19	14	1	15.2	75
933A	19.8	22	24.2	17	18	1	16.7	68



电参数曲线图

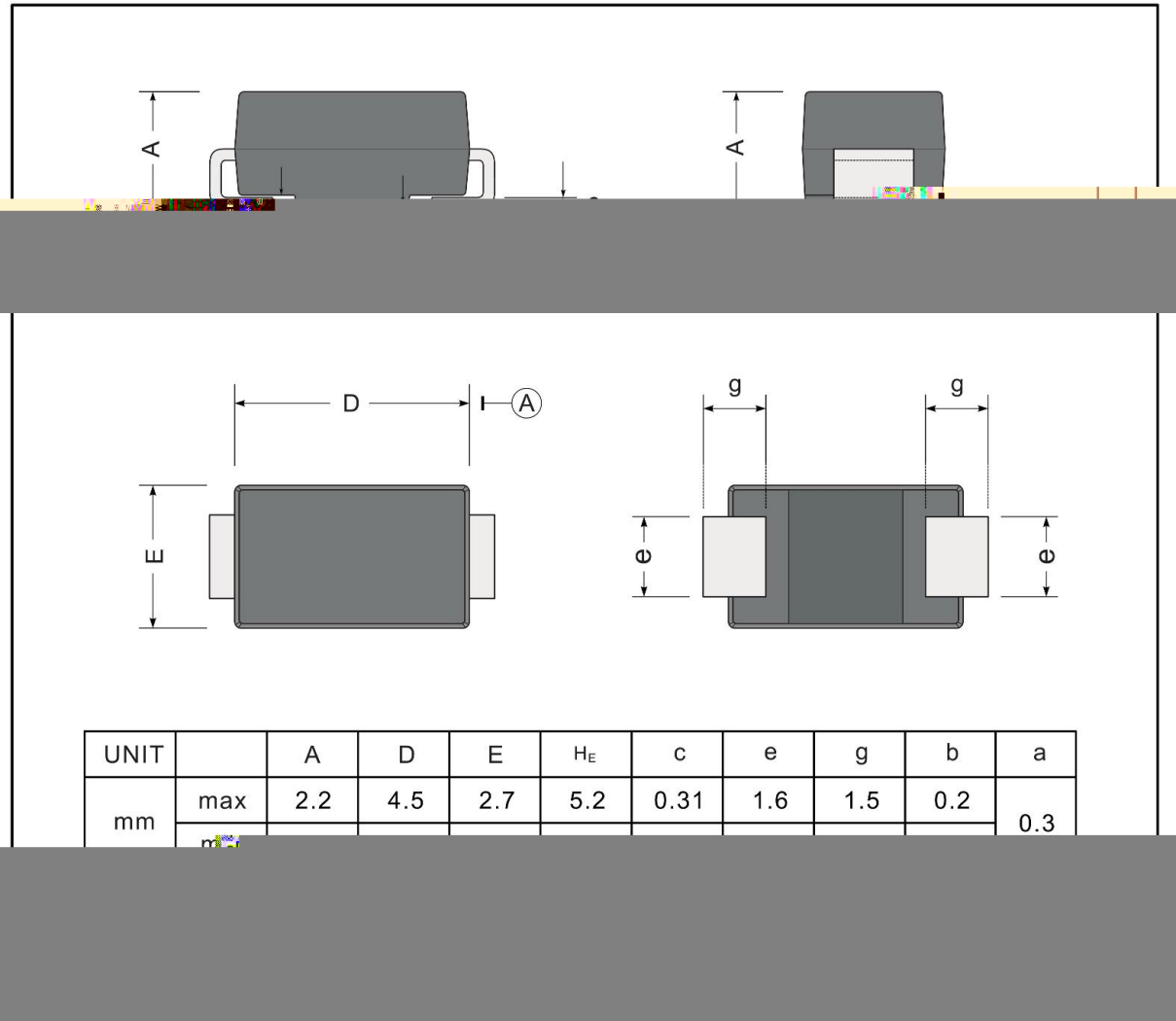
Fig.1 Maximum Continuous Power Derating





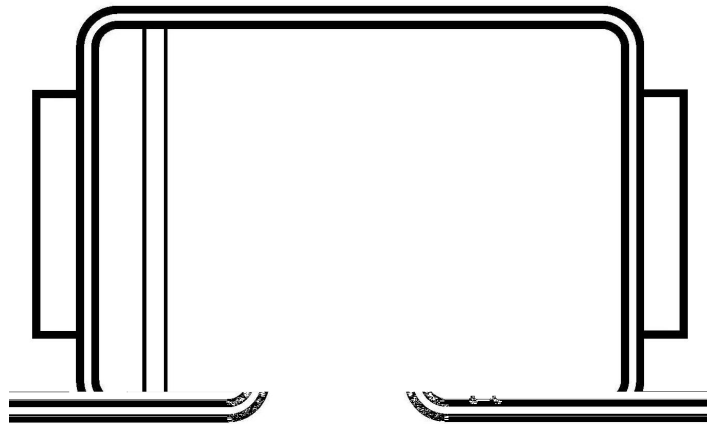
外形尺寸图

SMA





印章说明



说明：

913A ： 为型号代码

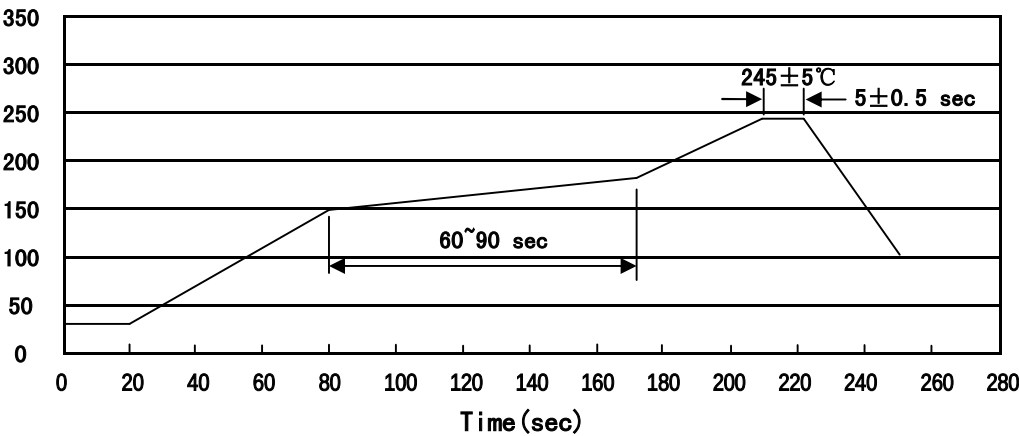
： 为生产批号追溯码，第 1 个*为年月代码，后面 3 个*为当月小批号代码

Note:

913A ：



回流焊温度曲线图 无铅 Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|-----------|-----------|--|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180°C, Time:60~90sec. |
| 2 | 245±5 | | | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | | 2 | 10°C/sec. | | 3. Cooling Speed: 2~10°C/sec. |

耐焊接热试验条件

260±5°C 10±1 sec. Temp.:260±5°C Time:10±1 sec

包装规格

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box	Outer Box
SMA	5000	2	10000	7	70000	13" ×12	336X336X40	380X335X366

使用说明