A	2019-5-8	ALL			

SMA
Zener Diode in a SMA Plastic Package.

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.

Parameter	Symbol	Rating	Unit
power dissipation at TL=75°C	P_D	1.5	W
Forward Voltage at IF = 200 mA	VF	1.5	V
[redacted]	[redacted]	25	[redacted]
[redacted]	[redacted]	- 55 to + 150	[redacted]
[redacted]	T_G	- 55 to + 150	C

Type7 （note1）	Marking （note1）	Zener Voltage Range（note2）				Dynamic Impedance	Reverse Current		Admissible Zener Current
		V_{ZT} （at I_{ZT} ）			at I_{ZT}	Z_{ZT} （ I_{ZT} ）	at I_R	at V_R	
		Min（V）	Nom（V）	Max（V）	(mA)	Max (Ω)	Max(μ A)	（V）	I_{ZM} (mA)
1SMA5913B	913B	3.13	3.3	3.47	113.6	10	100	1	454

Type （note1）	Marking （note1）	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	
		Min（V）	Nom（V）	Max（V）	(mA)	Max (Ω)	Max(μ a)	（V）	I_{ZM} (mA)
1SMA5931B	931B	16.8	18	19.2	21	12	1	13.7	83
1SMA5932B	932B	19.0	20	21.2	19	14	1	15.2	75
1SMA5933B	933B	20.8	22	23.3	17	18	1	16.7	68
1SMA5934B	934B	22.8	24	25.2	16	19	1	18.2	
1SMA5935B	935B	25.3	27	28.9	14				

64.49 TD [(@)]TJ ET BT 9 0 -0 9 0 0 Tm /F8 1

0 8 9 = > ? / Electrical Characteristic Curve

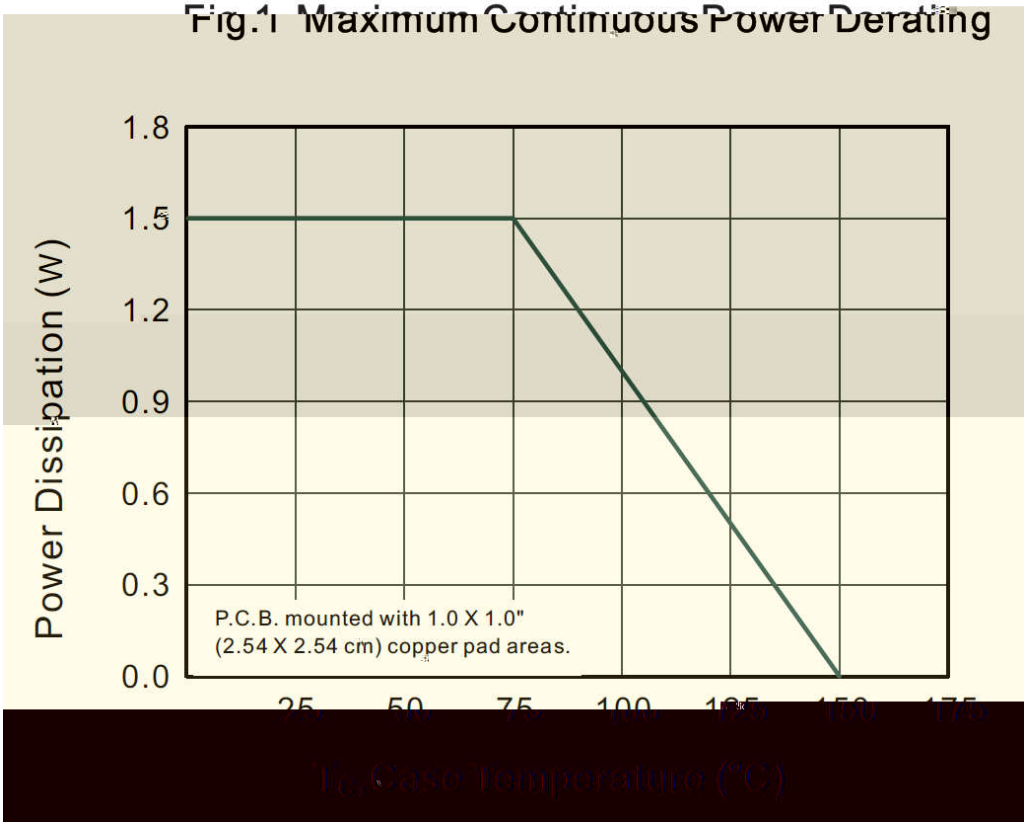
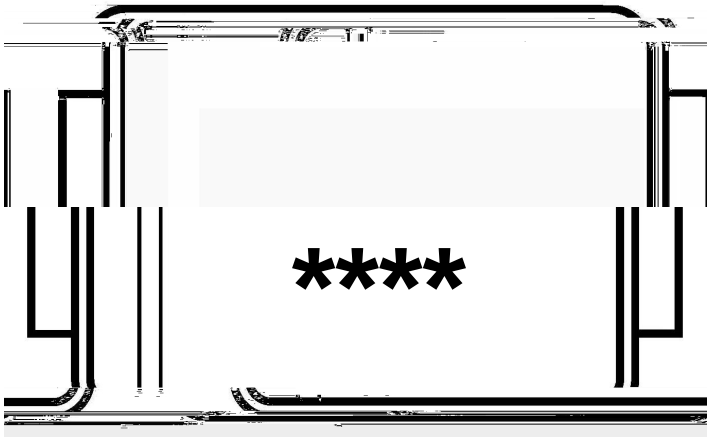


Fig.1 Maximum Continuous Power Derating

" # D E / Marking Instructions



913B

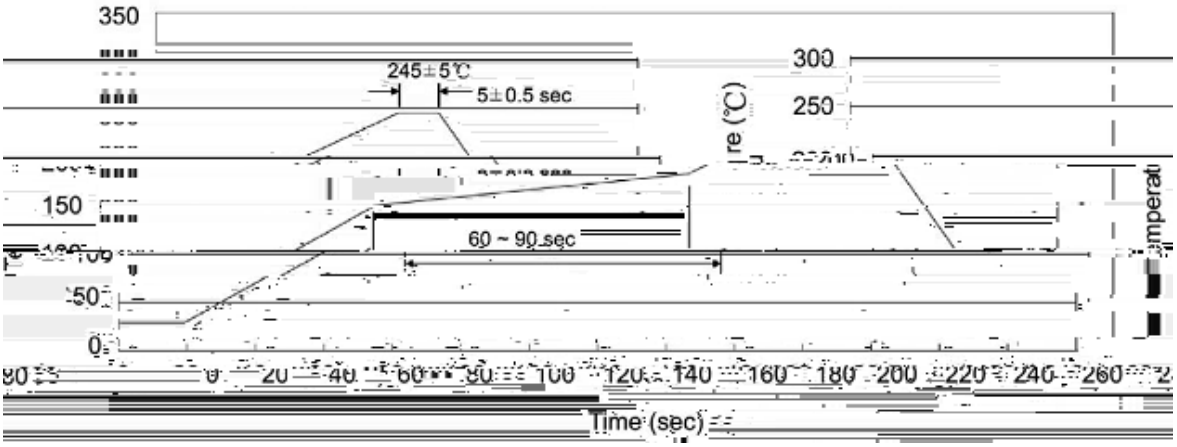
**** 1 F 3 F

Note:

913B Product Type Code

**** Lot No. Code The 1st F means:YM Code The last 3 F means:little Lot No Code

H I J K L = > ? (M N) / OPQRPSTUVSPGWSXYZ[PGYXSG\]G]PY[X^G_X[`PSZabcWdefSPPg



Note:

1 150 180 60 90sec;

1.Preheating:150~180 , Time:60~90sec.

ð 80 Ue ð 80