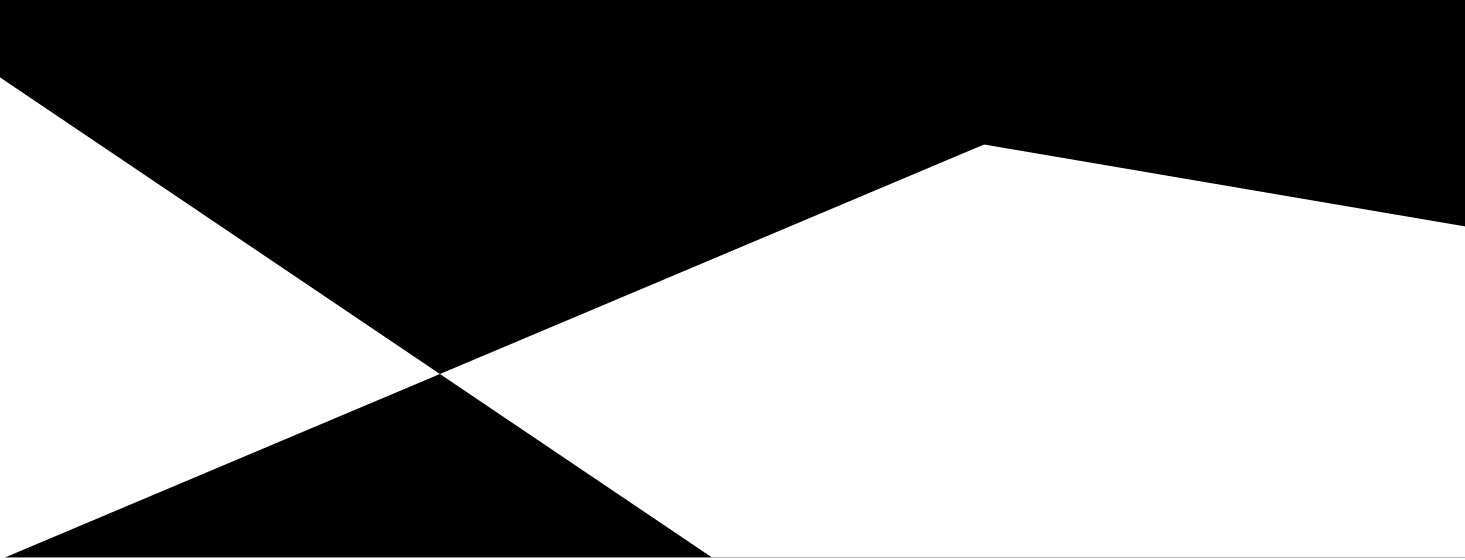


Rev. B Mar.-2021



--	--	--	--	--	--



Rev. B Mar.-2021

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.

Rev. B Mar.-2021

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
		25	C
		- 55 to + 150	
		- 55 to + 150	

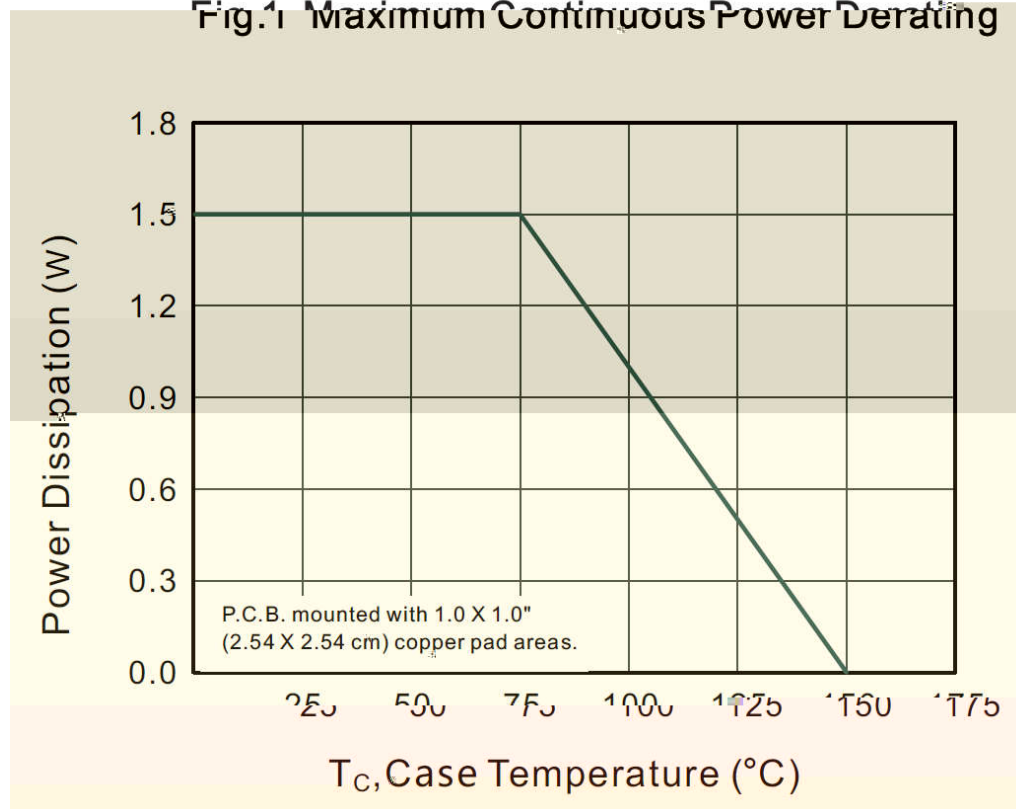
Type7 (note1)	Marking (note1)	Zener Voltage Range (note2)				Dynamic Impedance	Reverse Current		Admissible Zener Current
		V_{ZT} (at I_{ZT})			at I_{ZT}	Z_{ZT} (I_{ZT})	at I_R	at V_R	
		Min (V)	Nom (V)	Max (V)	(mA)	Max (Ω)	Max(μ A)	(V)	I_{ZM} (mA)
1SMA5913B	913B	3.13	3.3	3.47	113.6	10	100	1	454

Rev. B Mar.-2021

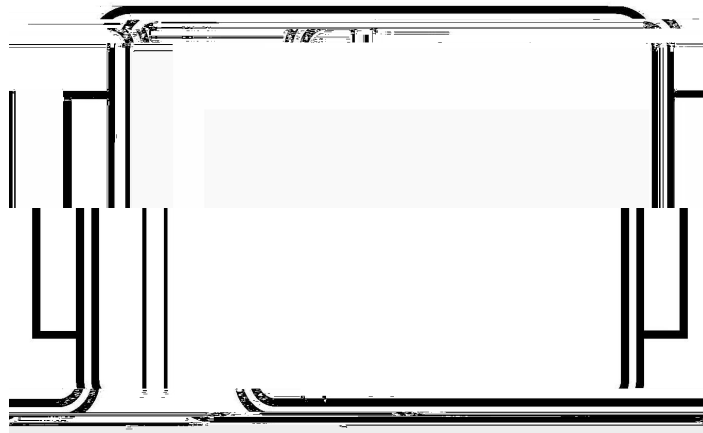
Type (note1)	Marking (note1)	Zener Voltage Range (note2)				Dynamic Impedance	Reverse Current		Admissible Zener Current I_{ZM} (mA)
		V _{ZT} (at I_{ZT})			at I_{ZT}	Z _{ZT} (at I_{ZT})	I_R	at V _R	
		Min (V)	Nom (V)	Max (V)	(mA)	Max (Ω)	Max(μ a)	(V)	
1SMA5931B	931B	16.8	18	19.2	21	12	1	13.7	83
1SMA5932B	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				

0 8 9 = > ?

Fig.1 Maximum Continuous Power Derating



" # D E



913B

1 F

3 F

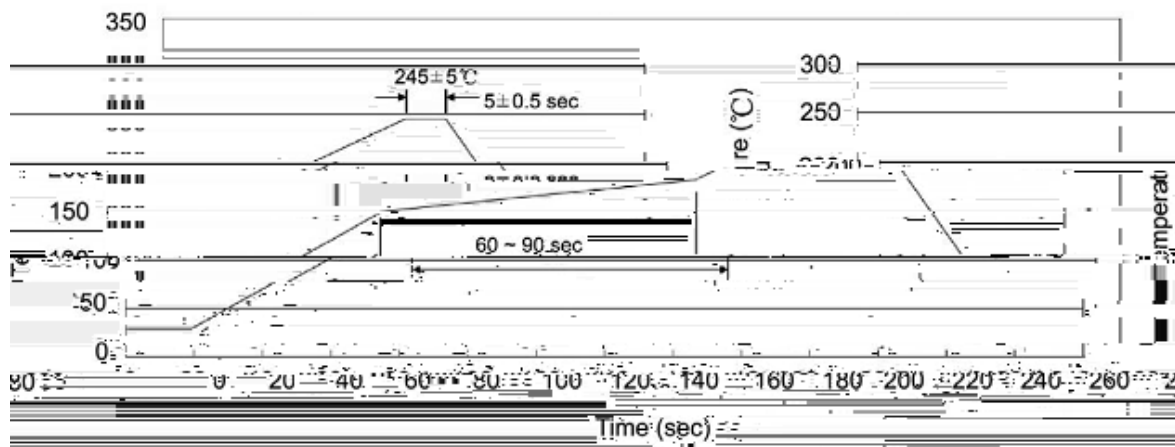
Note:

913B Product Type Code

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

Rev. B Mar.-2021

H I J K L = > ? M N O P Q R P S T U V S P G W S X Y Z [P G Y X S G \] G] P Y [X ^ G _ X [` P S Z a b c W d e f S P P g



Note:

- 1 150 180 60 90sec;
- 2 Š

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