

/ Revised record

D	2016-8				
A	2020-11-25	ALL	BR/G		

BZB84CXXX
Rev.A Nov.-2020

参数 Parameter	符号 Symbol	数值 Rating	单位 Unit
Forward Voltage($I_F = 10\text{mA}$) (note1)	V_F	0.9	V
Non-repetitive peak reverse power dissipation(note2)	P_{ZSM}	40	W
Total power dissipation($T_{amb} \leq 25^\circ\text{C}$)(note3)	P_{tot}	300	mW



Type Number	Marking Code	Working voltage V _Z (V)		Differential Resistance r _{dif} (Ω)		Reverse current I _R (μA)		Temperature coefficient S _Z (mV/K)		Diode Capacitance C _d (pF) ⁽¹⁾	Non-repetitive peak reverse current I _{ZSM} (A) ⁽²⁾
		I _Z =5mA		I _Z =1mA	I _Z =5mA			I _Z =5mA			
		Min	Max	Max	Max	Max	V _R (V)	Min	Max	Max	Max
BZB84C2V4	HU9	2.2	2.6	600	100	50	1.0	-3.5	0	450	6.0
BZB84C2V7	HUA	2.5	2.9	600	100	20	1.0	-3.5	0	450	6.0
BZB84C3V0	HBG	2.8	3.2	600	95	10	1.0	-3.5	0	450	6.0
BZB84C3V3	HCG	3.1	3.5	600	95	5.0	1.0	-3.5	0	450	6.0
BZB84C3V6	HDG	3.4	3.8	600	90	5.0	1.0	-3.5	0	450	6.0

BZB84C3V9G

/ Electrical Characteristics(Ta=25)

Type Number	Marking Code	Working voltage V _Z (V)		Differential Resistance rdif (W)		Reverse current I _R (μA)		Temperature coefficient S _Z (mV/K)		Diode Capacitance C _d (pF) ⁽¹⁾	Non-repetitive peak reverse current I _{ZSM} (A) ⁽²⁾
		I _Z =2mA		I _Z =0.5 mA	I _Z =2mA			I _Z =2mA			
		Min	Max	Max	Max	Max	V _R (V)	Min	Max	Max	Max
BZB84C27	HPF	25.1	28.9	300	80	0.05	18.9	21.4	25.3	50	1.00
BZB84C30	HPG	28.0	32.0	300	80	0.05	21.0	24.4	29.4	50	1.00
BZB84C33	HPH	31.0	35.0	325	80	0.05	23.1	27.4	33.4	45	0.90
BZB84C36	HPJ	34.0	38.0	350	90	0.05	25.2	30.4	37.4	45	0.80
BZB84C39	HPK	37.0	41.0	350	130	0.05	27.3	33.4	41.2	45	0.70
BZB84C43	HPL	40.0	46.0	375	150	0.05	30.1	37.6	46.6	40	0.60
BZB84C47	HPM	44.0	50.0	375	170	0.05	32.9	42.0	51.8	40	0.50
BZB84C51	HPN	48.0	54.0	400	180	0.05	35.7	46.6	57.2	40	0.40
BZB84C56	HPP	52.0	60.0	425	200	0.05	39.2	52.2	63.8	40	0.30
BZB84C62	HPQ	58.0	66.0	450	215	0.05	43.4	58.8	71.6	35	0.30
BZB84C68	HPR	64.0	72.0	475	240	0.05	47.6	65.6	79.8	35	0.25
BZB84C75	HPS	70.0	79.0	500	255	0.05	52.5	73.4	88.6	35	0.20

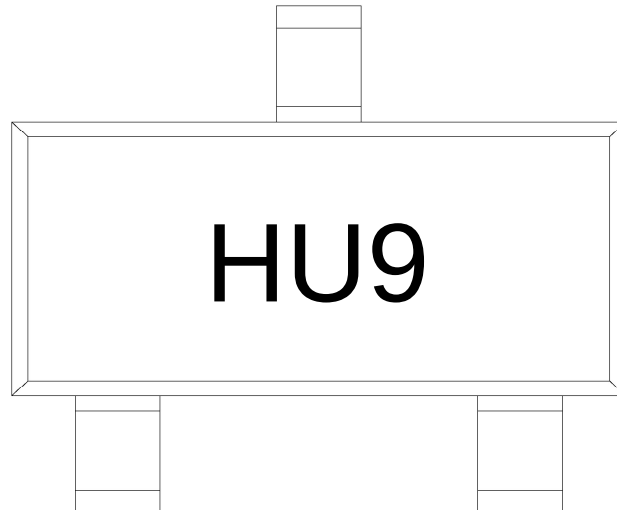
Notes:

[1] f=1MHz; V_R=0V

[2] t_p = 100 μs; square wave; T_j= 25°C prior to surge

/ E

/ Marking Instructions



说明：

H： 为公司代码

U9： 为产品型号

Note:

H: Company Code.

U9: Product Type.

BZB84CXXX

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