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Symbol	Rating	Unit
V_F	0.9	V
P_D	200	mW
		mW

BZX584CXXX

Rev.C Dec.-2024



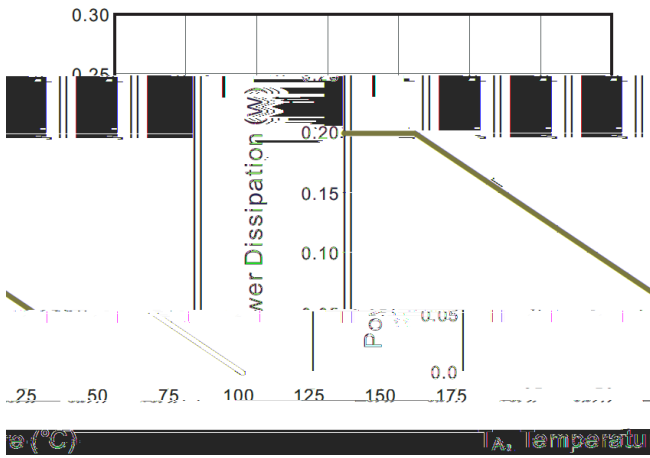
DATA SHEET

/ Electrical Characteristics(Ta=25)

Type Number	Marking Code	Zener Voltage Range(Note 1)				Maximum Zener Impedance			Maximum Reverse Current	
		V _z @ I _{zT}			I _{zT}	Z _{zT} @I _{zT}	Z _{zK} @I _{zK}	I _{zK}	I _R @V _R	V _R
		Min (V)	Nom (V)	Max (V)	(mA)	Max ()		(mA)	Max (μA)	(V)
BZX584C11	P8	10.5	11	11.6	5	20	160	1	0.1	8
BZX584C12	Q8	11.4	12	12.6	5	25	80	1	0.1	9

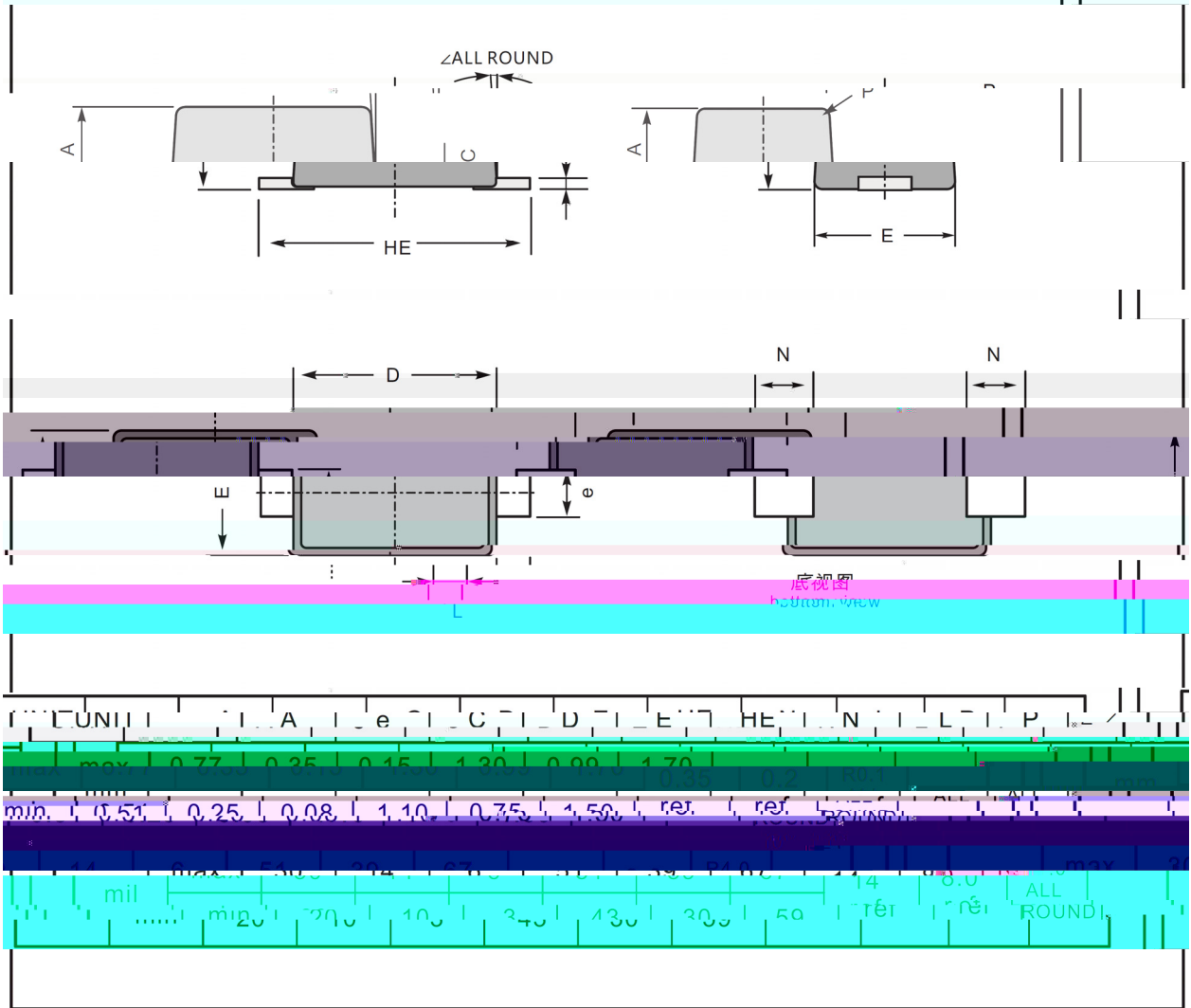
/ Electrical Characteristic Curve

Fig.1 Maximum Continuous Power Derating

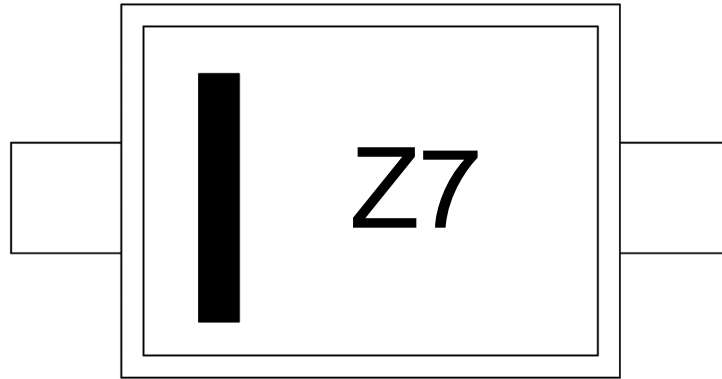


/ Package Dimensions

SOD-523



/ Marking Instructions



Z7

Note:

Z7: Product Type Code



() / Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

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

/ Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec
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/ Packaging SPEC.