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Symbol	Rating	Unit
$V_F$	0.9	V
$P_D$	200	mW
		mW

# BZX584CXXX

Rev.C Dec.-2024



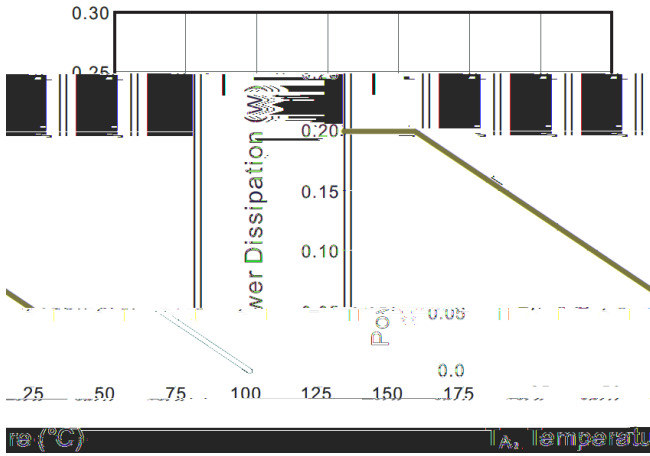
DATA SHEET

## / Electrical Characteristics(Ta=25 )

Type Number	Marking Code	Zener Voltage Range(Note 1)				Maximum Zener Impedance			Maximum Reverse Current	
		V <sub>z</sub> @ I <sub>zT</sub>			I <sub>zT</sub>	Z <sub>zT</sub> @I <sub>zT</sub>	Z <sub>zK</sub> @I <sub>zK</sub>	I <sub>zK</sub>	I <sub>R</sub> @V <sub>R</sub>	V <sub>R</sub>
		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

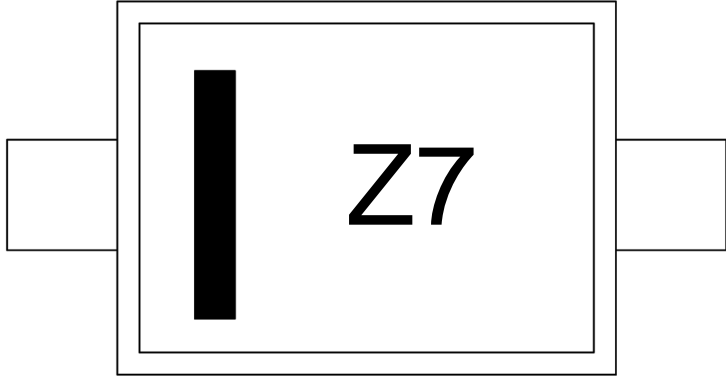
**/ Electrical Characteristic Curve**

**Fig.1 Maximum Continuous Power Derating**





**/ 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.**