)

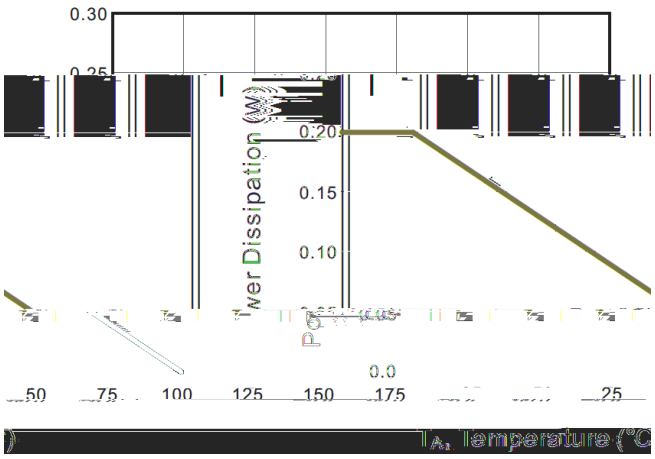
ymbol	Rating	Unit
V_F	0.9	V
P_D	200	mW
		W

/ Electrical Characteristics(Ta=25)

Type Number	Marking Code	Zener Voltage Range(Note 1)				Maximum Zener mpedance			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 (Ω)		(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

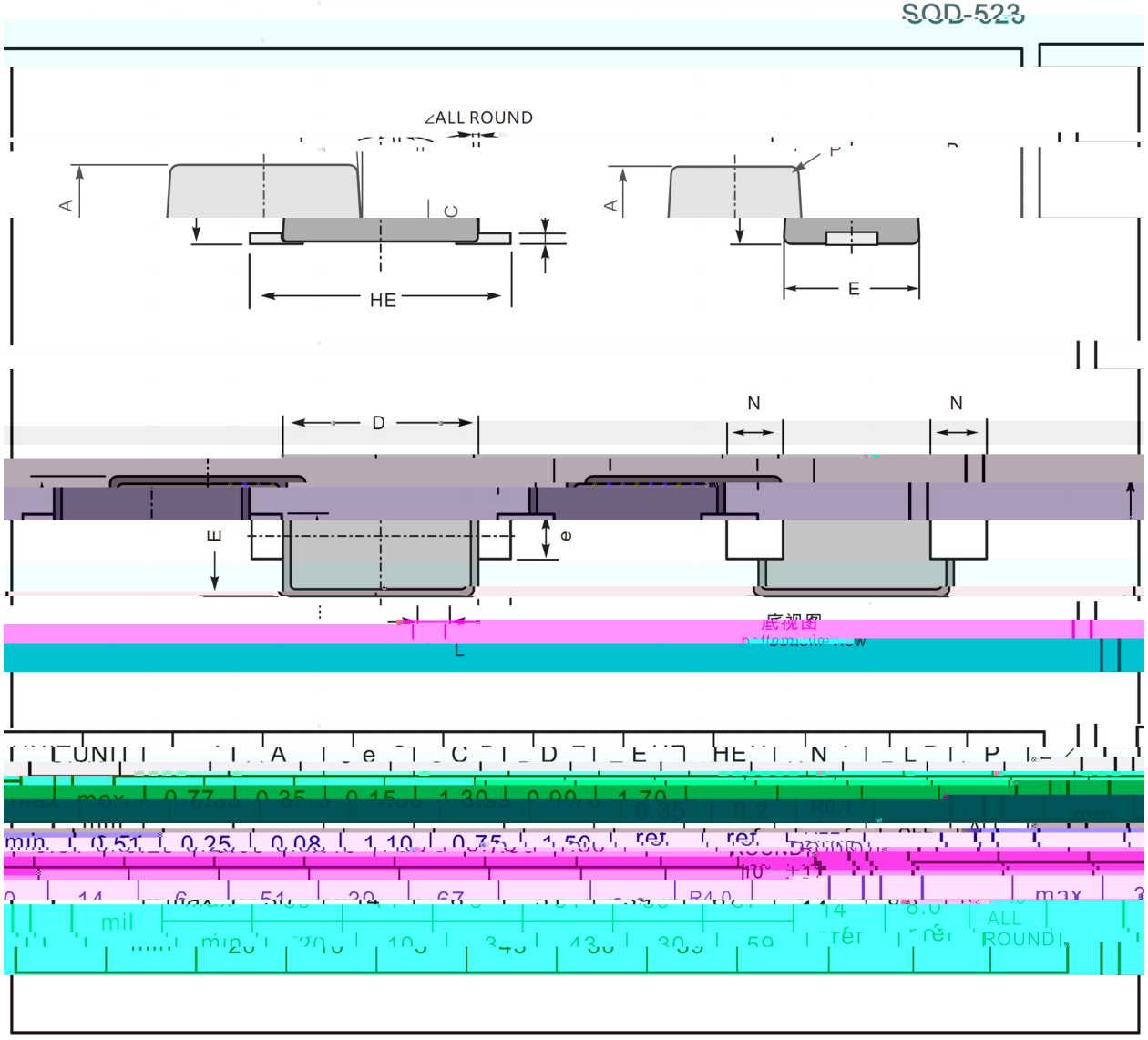
/ Electrical Characteristic Curve

Fig.1 Maximum Continuous Power Derating

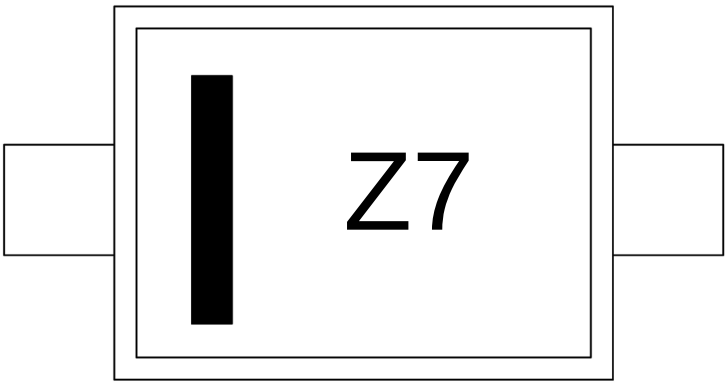


/ Package Dimensions

SOD-523



/ Marking Instructions



Z7

Note:

Z7: Product Type Code

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

Note:

1 150 180 60 90sec;

2 245±5 5±0.5sec;

3 2 10 /sec.

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

2.Peak Temp.:245±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.