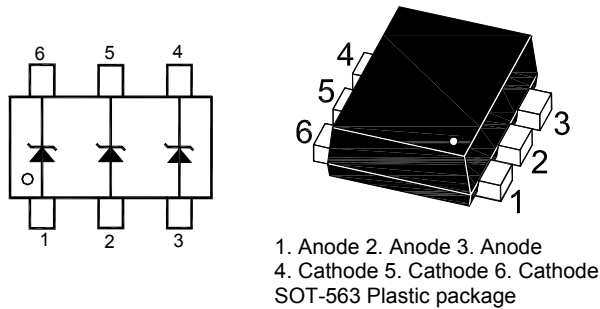


BZX84C6V8DE

Silicon Planar Zener Diodes



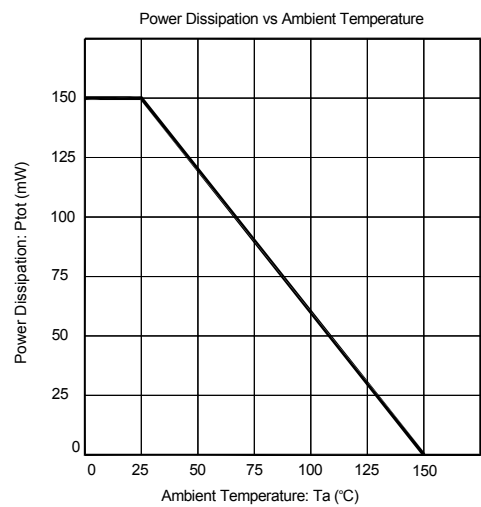
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Parameter	Symbol	Value	Unit
Power Dissipation	P_D	150	mW
Operating Junction and Storage Temperature Range	T_J, T_{Stg}	- 55 to + 150	$^\circ\text{C}$

Electrical Characteristics ($T_a = 25^\circ\text{C}$ unless otherwise noted, $V_F < 0.9\text{ V}$ at $I_F = 10\text{ mA}$)

Type	Marking Code	Zener Voltage Range ¹⁾			Dynamic Resistance				Reverse Current	
		V_Z		at I_{ZT}	Z_{ZT}	at I_{ZT}	Z_{ZK}	at I_{ZK}	I_R	at V_R
		Min.(V)	Max.(V)	mA	Max.(Ω)	mA	Max.(Ω)	mA	Max.(μA)	V
BZX84C6V8DE	F8	6.4	7.2	5	15	5	150	1	2	4

¹⁾ Tested With pulses $t_p = 20\text{ ms}$.

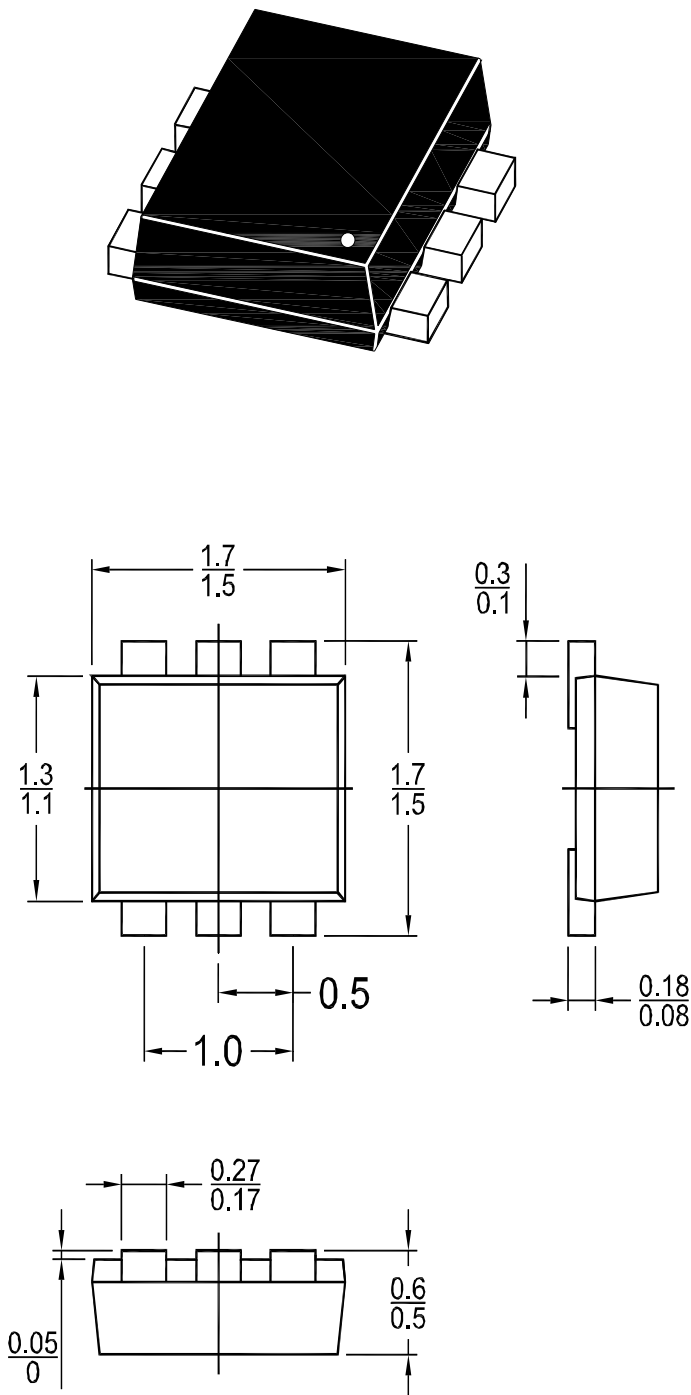


TOP DYNAMIC



BZX84C6V8DE

SOT-563 Package Outline Dimensions (Units: mm)



TOP DYNAMIC