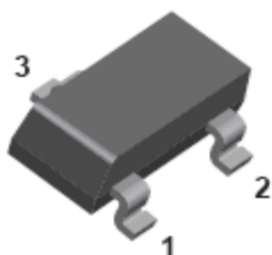


Features

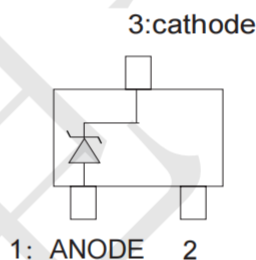
- Planar Die Construction.
- 350mw Power Dissipation.
- Zener Voltages From 2.4V -51V
- Ideally Suited For Automated Assembly Processes.

Applications

- 350Mw Surface mount zener diode



SOT-23



MAXIMUM RATING @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Value	Unit
Forward Voltage@I _F =10mA	V _F	0.9	V
Power Dissipation	P _d	350	mW
Thermal Resistance, Junction to Ambient Air	R _{θJA}	357	°C/W
Operating and Storage Temperature Range	T _j , T _{stg}	-65 to +150	°C

Notes: 1. Valid provided that device terminals are kept at ambient temperature.

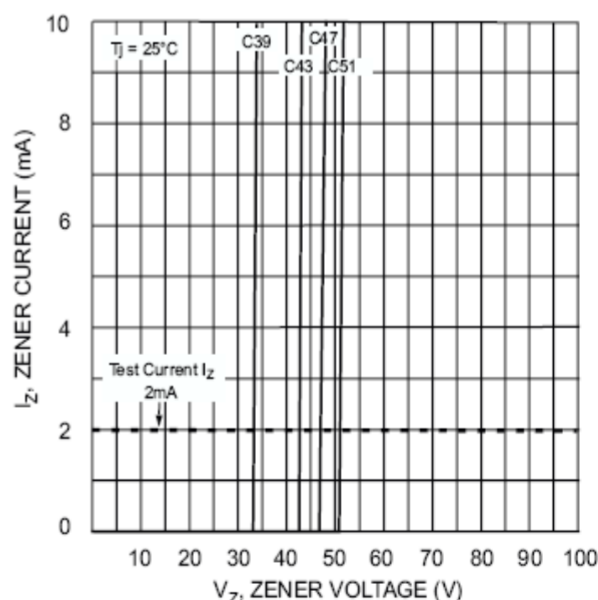
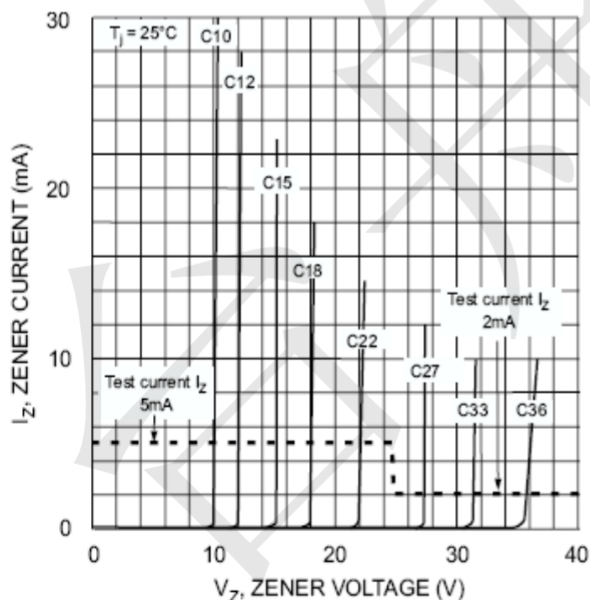
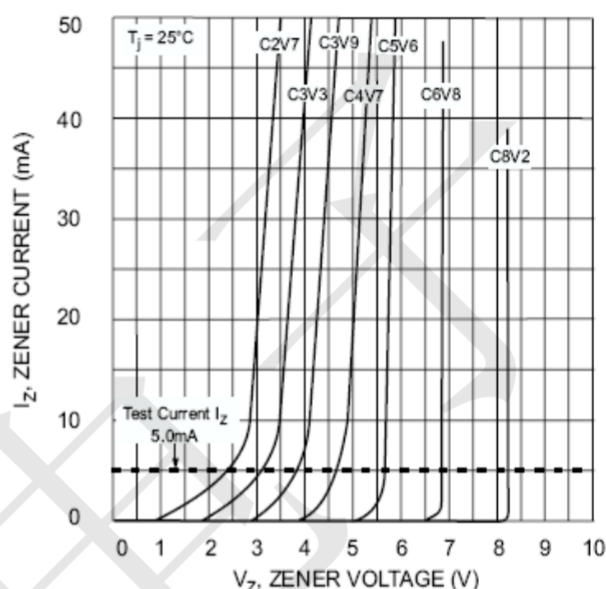
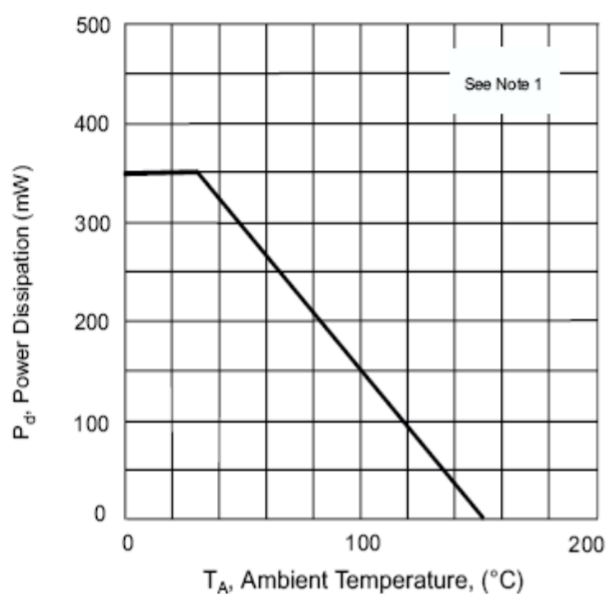
2. Tested with pulses, 300μs pulse width, period = 5ms.

3. f = 1KHz.

ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

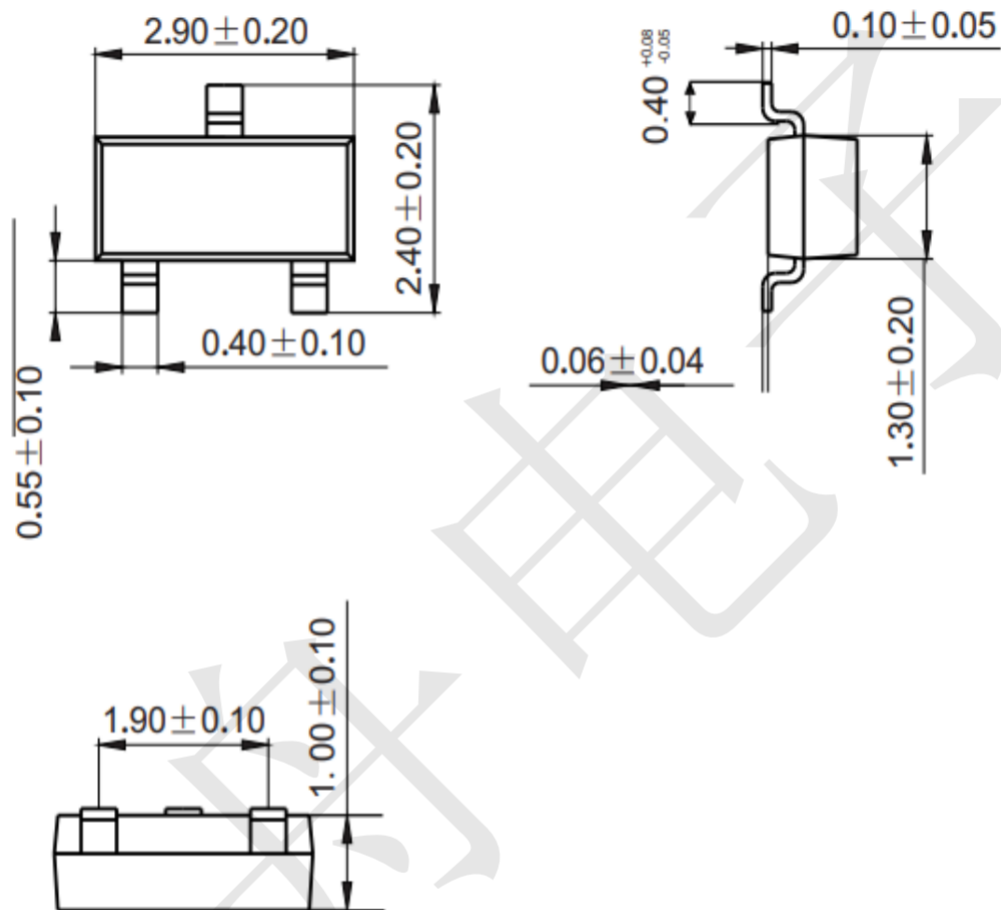
Type Number	Zener Voltage Range				Maximum Zener Impedance			Maximum Reverse Current		Typical Temperature Coefficient @ I _{ZT} mV/°C	
	V _Z @I _{ZT}			I _{ZT}	Z _{ZT} @I _{ZT}	Z _{ZK} @I _{ZK}		I _R	V _R	Min	Max
	Nom(V)	Min(V)	Max(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)		
BZX84-C16-QR-TP	16	15.3	17.1	5.0	40	200	1.0	0.1	11.2	10.4	14.0

TYPICAL CHARACTERISTICS @ $T_a=25^\circ\text{C}$ unless otherwise specified



Package information (Unit: mm)

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Mounting Pad Layout (Unit: mm)

