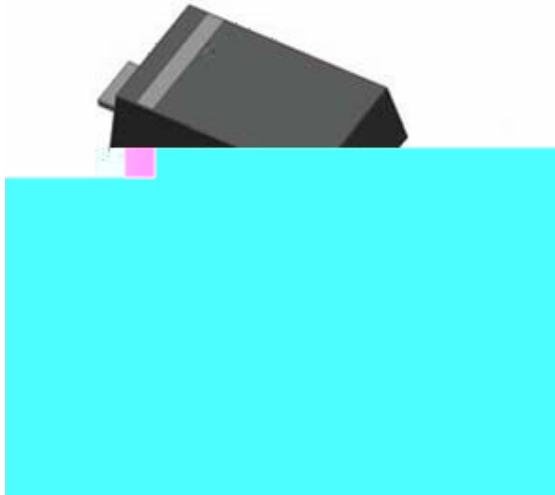




Small Signal Zener Diodes



Features

- Epoxy meets UL-94 V-0 flammability rating and halogen free
- Moisture Sensitivity Level 1
- Zener Voltage 3.6V~36V
- Vz-tolerance $\pm 2\%$ approximately
- ESD Rating of Class 3 (> 16 kV) per Human Body Mode
- Part no. with suffix "Q" means AEC-Q101 qualified

Applications

- General regulation functions

Mechanical Data

- **Case:** SOD523
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end

■ Maximum Ratings ($T_a=25^\circ\text{C}$ Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	VALUE
Power Dissipation	P_D	mW	250
Storage Temperature Range	T_{stg}	$^\circ\text{C}$	-55~+150
Junction Temperature	T_J	$^\circ\text{C}$	-55~+150
Maximum Regulator Current	I		
		V	0.9

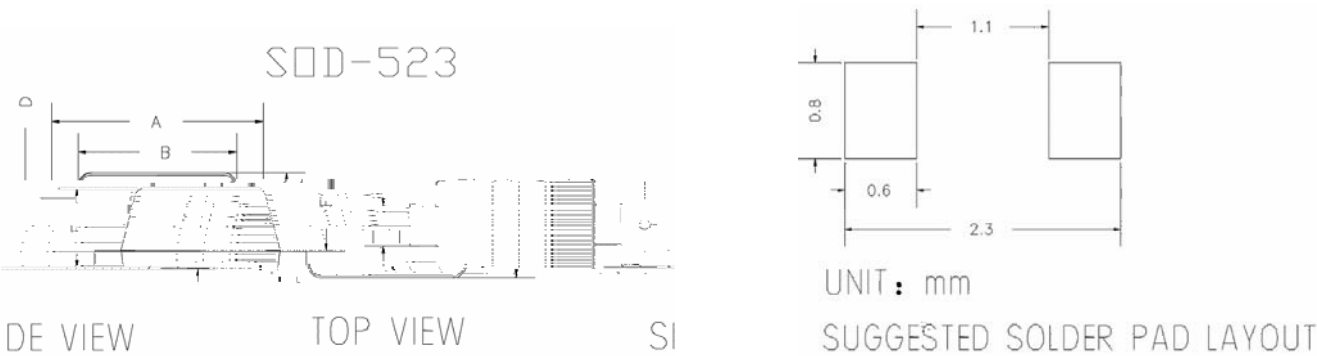
			MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
BZX584B3V6Q THRU BZX584B36VQ	F2	Approximate 0.002	8000	80000	320000	7" reel

BZX584B3V6Q THRU BZX584B36VQ



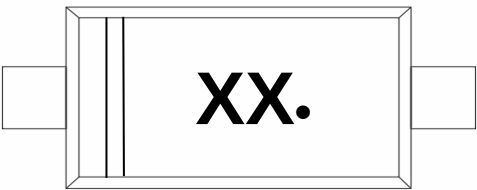
BZX584B3V6Q THRU BZX584B36VQ

■ Outline Dimensions



DIMENSIONS				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.059	0.067	1.500	1.700
B	0.043	0.051	1.100	1.300
C	0.900	0.028	0.035	0.700
D	0.350	0.010	0.014	0.250
E	0.200	0.002	0.008	0.050
F	0.200	0.008	0.008	0.050

■ Marking Information



- Note:
1. All marking is at middle of the product body
 2. All marking is in laser marking
 3. XX is Marking Code
 4. Body color: Black



BZX584B3V6Q THRU BZX584B36VQ

Disclaimer

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