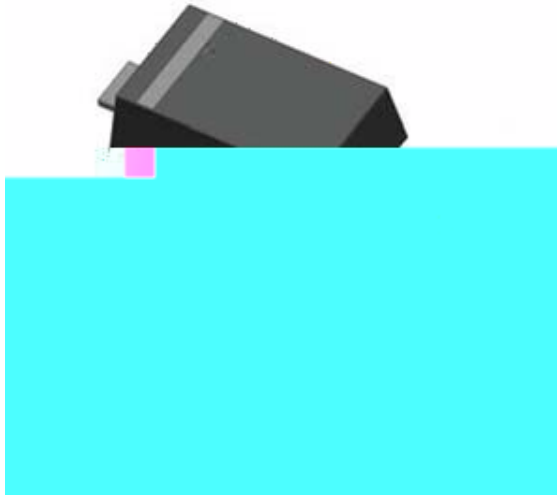




## Small Signal Zener Diodes



### 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 ( $> 16\text{ kV}$ ) 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 ( $T_a=25$ 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

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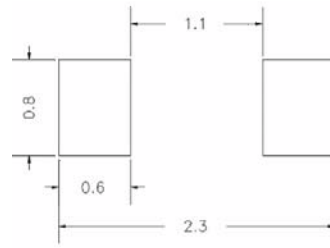
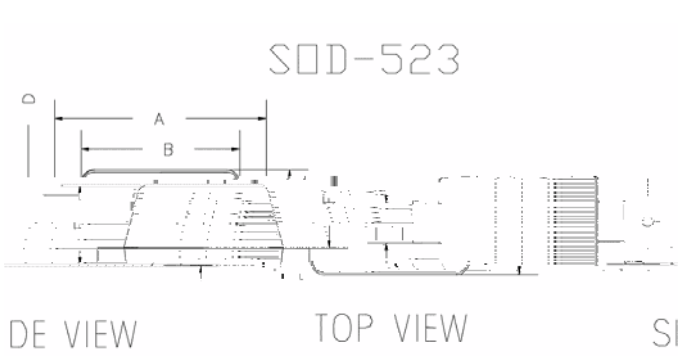






# BZX584B3V6Q THRU BZX584B36VQ

## Outline Dimensions



UNIT: mm

SUGGESTED SOLDER PAD LAYOUT

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

## 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

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### Disclaimer

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