



BZX584C2V4Q THRU BZX584C47VQ

Small Signal Zener Diodes

Features

- Epoxy meets UL-94 V-0 flammability rating and halogen free
- Moisture Sensitivity Level 1
- Zener Voltage 2.4V~47V
- V_z-tolerance ±5% approximately
- 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:

Power Dissipation	P _D	mW	250
Storage Temperature Range	T _{stg}	°C	-55~+150
Junction Temperature	T _J	°C	-55~+150
Maximum Regulator Current	I _{ZM}	mA	P _D / V _z

Maximum Forward Voltage I_F=10mA_{dc} V_F



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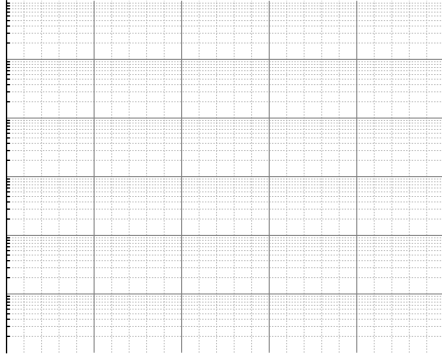
Electrical Characteristics ($T_a=25$ Unless otherwise specified)

Type Number	Device Marking	V_z at I_{zt} (V)
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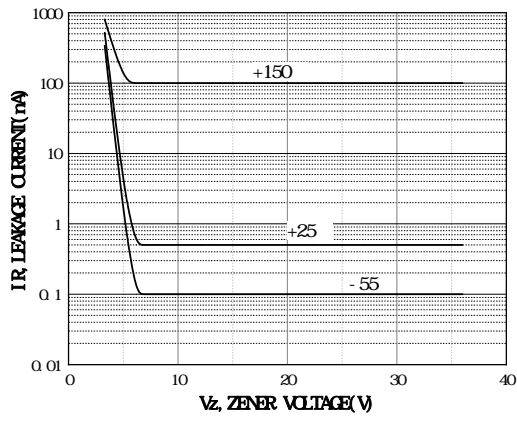
Characteristics (Typical)



ZTC



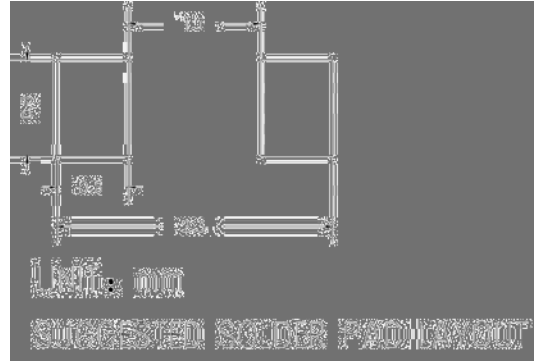
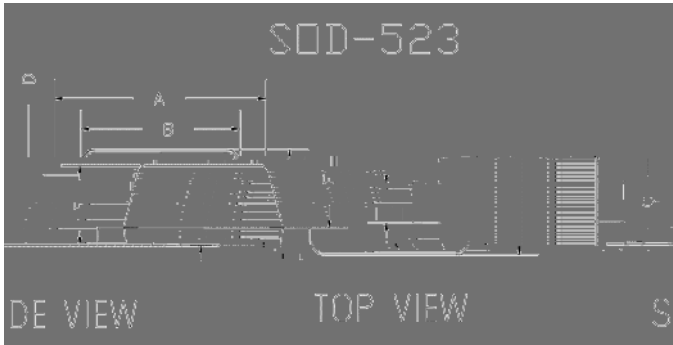
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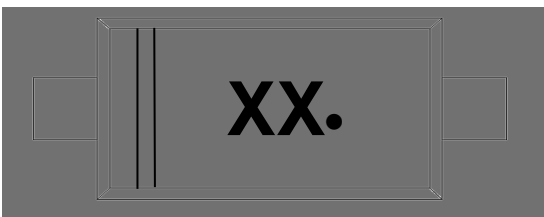
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Outline Dimensions



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	0.028	0.035	0.700	0.900
D	0.010	0.014	0.250	0.350
E	0.002	0.008	0.050	0.200

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



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Disclaimer

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