



# PZ6.2B PZ16B

## SURFACE MOUNT SILICON ZENER DIODES

<b>VOLTAGE</b>	<b>6.2,16 Volt</b>	<b>POWER</b>	<b>500 mWatt</b>
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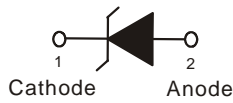
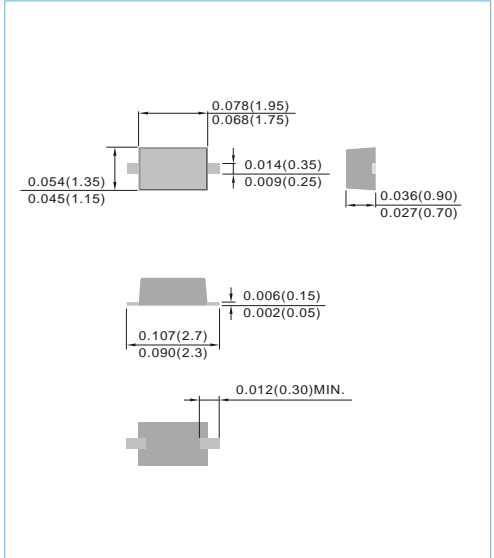
**SOD-323** Unit : inch(mm)

### FEATURES

- Planar Die construction
- 500mW Power Dissipation
- Ideally Suited for Automated Assembly Processes
- Lead free in compliance with EU RoHS 2011/65/EU directive
- Green molding compound as per IEC61249 Std. . (Halogen Free)

### MECHANICAL DATA

- Case: SOD-323, Molded Plastic
- Terminals: Solderable per MIL-STD-750, Method 2026
- Polarity: Color band cathode
- Approx. Weight: 0.00014 ounces, 0.0041 grams



### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	VALUE	UNITS
Power Dissipation	P	500	mW
Operating Junction and Storage Temperature Range	T <sub>J</sub> , T <sub>STG</sub>	-55 to + 150	°C

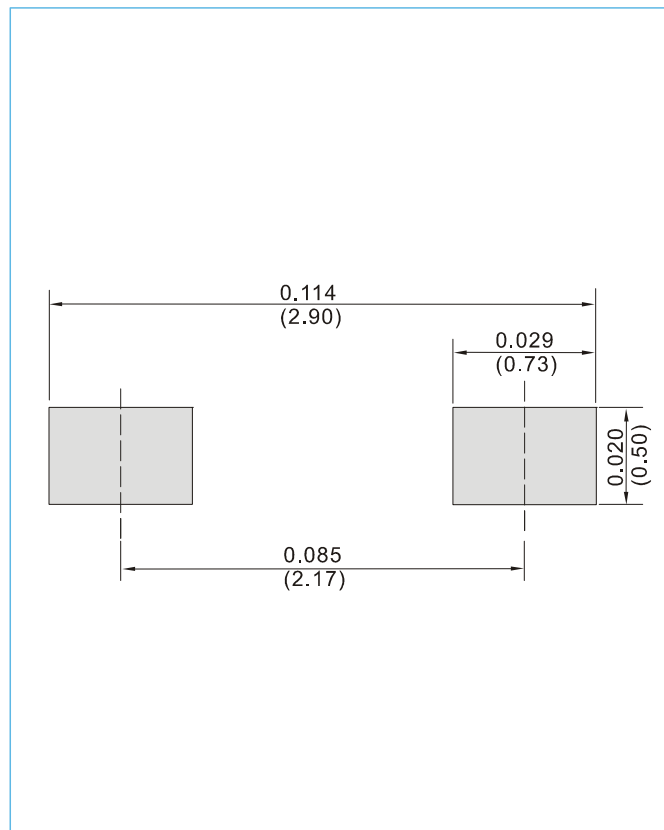
Part Number	Marking Code	Nominal Zener Voltage			Dynamic Impedance		Reverse Current	
		V <sub>Z</sub> @ I <sub>ZT</sub>			Z <sub>Z</sub> (Ω)		I <sub>R</sub> (μA)	
		Min. V	Max. V	I <sub>Z</sub> (mA)	Max	I <sub>Z</sub> (mA)	Max	V <sub>R</sub> (V)
<b>500 mWatts Zener Diodes</b>								
PZ6.2B	DZA	5.96	6.27	20	10	20	5	3.0
PZ16B	DZL	15.25	16.04	10	18	10	0.2	12



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## MOUNTING PAD LAYOUT

SOD-323 Unit : inch(mm)



## ORDER INFORMATION

- Packing information
  - T/R - 12K per 13" plastic Reel
  - T/R - 5K per 7" plastic Reel



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## Part No\_packing code\_Version

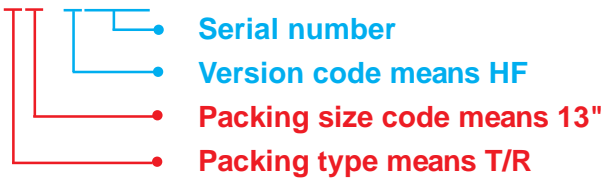
PZ6.2B\_R1\_00001

PZ6.2B\_R2\_00001

For example :

**RB500V-40\_R2\_00001**

Part No.



Packing Code <b>XX</b>				Version Code <b>XXXXX</b>		
Packing type	1 <sup>st</sup> Code	Packing size code	2 <sup>nd</sup> Code	HF or RoHS	1 <sup>st</sup> Code	2 <sup>nd</sup> ~5 <sup>th</sup> Code
Tape and Ammunition Box (T/B)	A	N/A	0	HF	0	serial number
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number
Bulk Packing (B/P)	B	13"	2			
Tube Packing (T/P)	T	26mm	X			
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y			
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U			
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D			



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