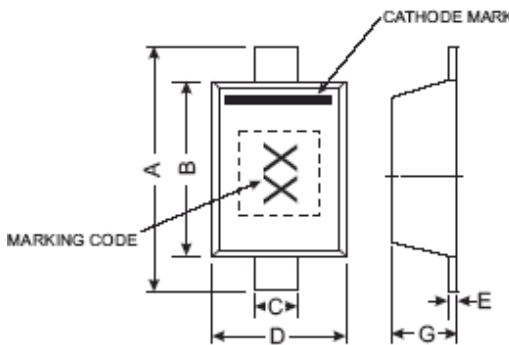


Announcing Expanded Product Offerings in Our  
Line of Ultra-Small SOD-523 Package:  
**Diodes Inc. BZT52C5V6T – BZT52C24T Zener Series**



SOD-523		
Dim	Min	Max
A	1.50	1.70
B	1.10	1.30
C	0.25	0.35
D	0.70	0.90
E	0.10	0.20
G	0.55	0.65
All Dimensions in mm		

### Key Features

- ❑ SOD-523 package, equivalent to EMD2 / SC-79
- ❑ Green molding compound
- ❑ Matte Tin (Pb-free) terminals
- ❑ RoHS compliant

### Benefits

- ❑ Very small size, less than ¼ the board space of SOD-123
- ❑ Low profile, half that of SOD-123
- ❑ Backward compatible terminal plating (may be used with lead-containing solders)

### Availability

- ❑ **Samples Stock: NOW available** for part numbers in **purple** below.
- ❑ Samples Quantity Lead Time: **up to 10 weeks** for part numbers in **green** below.
- ❑ Production Quantity Lead Time: **stock up to 10 weeks** for all parts.
- ❑ Data Sheets available **NOW** at: [www.diodes.com](http://www.diodes.com)

Enter selected part numbers into our website Product Data Sheet search field, or click:

**BZT52C5V6T**  
**BZT52C6V2T**  
**BZT52C6V8T**  
**BZT52C7V5T**

**BZT52C8V2T**  
**BZT52C9V1T**  
**BZT52C10T**  
**BZT52C11T**

**BZT52C12T**  
**BZT52C13T**  
**BZT52C15T**  
**BZT52C16T**

**BZT52C18T**  
**BZT52C20T**  
**BZT52C22T**  
**BZT52C24T**

**End Equipment Applications**

- ❑ Digital Still Camera
- ❑ PDA
- ❑ Motherboards
- ❑ Notebook PCs
- ❑ Portable Audio Electronics
- ❑ Hand-held GPS

**Crosses from Other Manufacturers' Parts**

<b>Diodes Inc. Part</b>	<b>ON Semi</b>	<b>Philips</b>	<b>Vishay</b>
BZT52C5V6T	MM5Z5V6T1	BZX585-C5V6	BZX584C5V6-02V
BZT52C6V2T	MM5Z6V2T1	BZX585-C6V2	BZX584C6V2-02V
BZT52C6V8T	MM5Z6V8T1	BZX585-C6V8	BZX584C6V8-02V
BZT52C7V5T	MM5Z7V5T1	BZX585-C7V5	BZX584C7V5-02V
BZT52C8V2T	MM5Z8V2T1	BZX585-C8V2	
BZT52C9V1T	MM5Z9V1T1	BZX585-C9V1	
BZT52C10T	MM5Z10VT1	BZX585-C10	
BZT52C11T	MM5Z11VT1	BZX585-C11	
BZT52C12T	MM5Z12VT1	BZX585-C12	
BZT52C13T	MM5Z13VT1	BZX585-C13	
BZT52C15T	MM5Z15VT1	BZX585-C15	BZX584C15-02V
BZT52C16T	MM5Z16VT1	BZX585-C16	
BZT52C18T	MM5Z18VT1	BZX585-C18	
BZT52C20T	MM5Z20VT1	BZX585-C20	
BZT52C22T	MM5Z22VT1	BZX585-C22	
BZT52C24T	MM5Z24VT1	BZX585-C24	