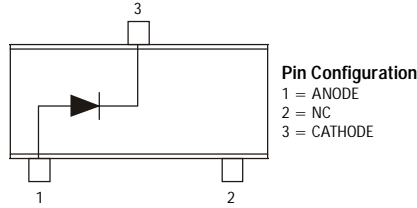
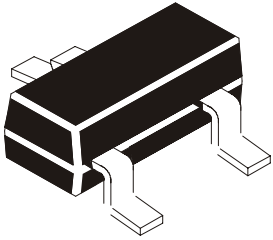


**SILICON PLANAR ZENER DIODE**

**CMBZ 5225B  
to  
CMBZ5229B  
SOT-23**



**General Purpose Zener Diode**

**ABSOLUTE MAXIMUM RATINGS(Tamb=25deg C)**

DESCRIPTION	SYMBOL	VALUE	UNIT
Power Dissipation	Ptot	225	mW
Junction Temperature	TJ	150	dec C
Storage Temperature	Tstg	-55-150	dec C

(1) On infinite heatsink with 4mm Lead Length

**ELECTRICAL CHARACTERISTICS (Tamb=25 deg C) VF <0.9V @ 10mA**

Device	Zener Voltage* VZ(+/-5%) nom (V)	rZT max (ohm)	IZT (mA)	rZK max (ohm)	IZK (mA)	IR max (uA)	VR (V)	MARKING
CMBZ5225B	3.0	29	20	1600	0.25	50	1.0	18E
CMBZ5226B	3.3	28	20	1600	0.25	25	1.0	8A
CMBZ5227B	3.6	24	20	1700	0.25	15	1.0	8B
CMBZ5228B	3.9	23	20	1900	0.25	10	1.0	8C
CMBZ5229B	4.3	22	20	2000	0.25	5.0	1.0	8D

\* Zener Voltage is measured after 40ms from the start of operating



## Notes

### Disclaimer

The product information and the selection guides facilitate selection of the CDIL's Discrete Semiconductor Device(s) best suited for application in your product(s) as per your requirement. It is recommended that you completely review our Data Sheet(s) so as to confirm that the Device(s) meet functionality parameters for your application. The information furnished on the CDIL Web Site/CD is believed to be accurate and reliable. CDIL however, does not assume responsibility for inaccuracies or incomplete information. Furthermore, CDIL does not assume liability whatsoever, arising out of the application or use of any CDIL product; neither does it convey any license under its patent rights nor rights of others. These products are not designed for use in life saving/support appliances or systems. CDIL customers selling these products (either as individual Discrete Semiconductor Devices or incorporated in their end products), in any life saving/support appliances or systems or applications do so at their own risk and CDIL will not be responsible for any damages resulting from such sale(s).

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