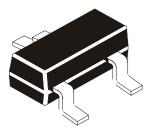
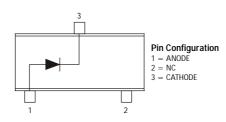




SILIICON PLANAR ZENER DIODE







UNIT

mW

dec C

dec C

General Purpose Zener Diode

ABSOLUTE MAXIMUM RATINGS(Tamb=25deg C)DESCRIPTIONSYMBOLVALUEPower DissipationPtot225Junction TemperatureTJ150Storage TemperatureTstg-55-150

(1) On infinite heatsink with 4mm Lead Length

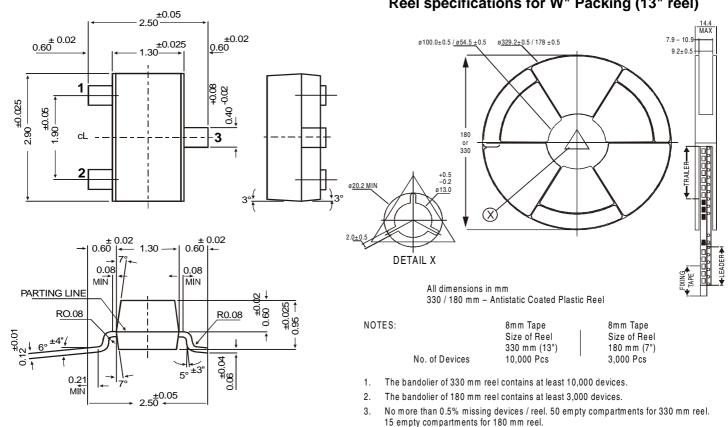
ELECTRICAL CHARACTERISTICS (Tamb=25 deg C) VF <0.9V @ 10mA

Device	Zener Voltage* VZ(+-5%)	rZT	IZT	rZK	IZK	IR	VR	MARKING
	nom	max		max		max		
	(V)	(ohm)	(mA)	(ohm)	(mA)	(uA)	(V)	
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

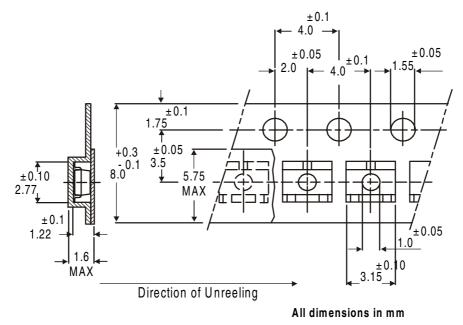
SOT-23 Formed SMD Package

SOT-23 Package Reel Information Reel specifications for W" Packing (13" reel)



- 4. Three consecutive empty places might be found provided this gap is followed by 6 consecutive devices.
- 5. The carrier tape (leader) starts with at least 75 empty positions (equivalent to 330 mm). In order to fix the carrier tape a self adhesive tape of 20 to 50 mm is applied. At the end of the bandolier at least 40 empty positions (equivalent to 160 mm) are there.

Tape Specification for SOT-23 Surface Mount Device



Packing Detail

PACKAGE	STANDARD PACK		INNER CARTO	N BOX	OUTER CARTON BOX		
	Details	Net Weight/Qty	Size	Qty	Size	Qty	Gr Wt
SOT-23 T&R	3K/reel		3" x 7.5" x 7.5" 9" x 9" x 9"	12.0K 51.0K	17" x 15" x 13.5" 19" x 19" x 19" 17" x 19" x 19"	192.0K 408.0K	12 kgs 28 kgs
	10K/reel	415 gm/10K pcs	13" x 13" x 0.5"	10.0K	17" x 15" x 13.5"	300.0K	16 kgs

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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Data Sheet