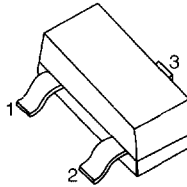


# ZENER DIODES



**SOT-23/TO-236AB**

**'TMPZ' ZENER DIODES**  
**ELECTRICAL CHARACTERISTICS at  $T_A = 25^\circ\text{C}$**

Device Type	Marking	Zener Voltage				Leakage Current		Zener Impedance		Pinning 1, 2, 3
		Min. (V)	Nom. (V)	Max. (V)	@ $I_{ZT}$ (mA)	Max ( $\mu\text{A}$ )	@ $V_R$ (V)	Max. $Z_{ZT}$ ( $\Omega$ )	@ $I_{ZT}$ (mA)	
TMPZ5230	8E	4.47	4.7	4.94	20	5.0	2.0	19	20	A NC K
TMPZ5231	8F	4.85	5.1	5.36	20	5.0	2.0	17	20	A NC K
TMPZ5232	8G	5.32	5.6	5.88	20	5.0	3.0	11	20	A NC K
TMPZ5234	8J	5.98	6.2	6.51	20	3.0	4.0	7.0	20	A NC K
TMPZ5236	8L	7.13	7.5	7.88	20	3.0	6.0	6.0	20	A NC K
TMPZ5237	8M	7.79	8.2	8.61	20	3.0	6.5	8.0	20	A NC K
TMPZ5239	8P	8.65	9.1	9.56	20	3.0	7.0	10	20	A NC K
TMPZ5240	8Q	9.50	10	10.5	20	3.0	8.0	17	20	A NC K
TMPZ5242	8S	11.4	12	12.6	20	1.0	9.1	30	20	A NC K
TMPZ5243	8T	12.4	13	13.7	9.5	0.5	9.9	13	9.5	A NC K
TMPZ5249	8Z	18.1	19	20.0	6.6	0.1	14.0	23	6.6	A NC K
TMPZ5254	81E	25.7	27	28.4	4.6	0.1	21.0	41	4.6	A NC K

**'BZX84' ZENER DIODES**  
**ELECTRICAL CHARACTERISTICS at  $T_A = 25^\circ\text{C}$**

Device Type	Marking	Zener Voltage				Leakage Current		Zener Impedance		Pinning 1, 2, 3
		Min. (V)	Nom. (V)	Max. (V)	@ $I_{ZT}$ (mA)	Max ( $\mu\text{A}$ )	@ $V_R$ (V)	Max. $Z_{ZT}$ ( $\Omega$ )	@ $I_{ZT}$ (mA)	
BZX84C5V1	Z2	4.8	5.1	5.4	5.0	2.0	2.0	60	5.0	A NC K
BZX84C5V6	Z3	5.2	5.6	6.0	5.0	1.0	2.0	40	5.0	A NC K
BZX84C6V2	Z4	5.8	6.2	6.6	5.0	3.0	4.0	10	5.0	A NC K
BZX84C12	Y2	11.4	12.0	12.7	5.0	0.1	8.0	25	5.0	A NC K