

# TC ZENER DIODES

## 250mW (cont.)

Part #	Nominal Zener Voltage		Test Current	Maximum Dynamic Impedance	Voltage Temperature Stability	Temperature Range	Typical Temperature Coefficient
	Min.	Max.					
	$V_Z$ (V)		$I_{ZT}$ (mA)	$Z_{ZT} @ I_{ZT}$ ( $\Omega$ )	$\Delta V_{ZT}$ maximum (mV)	$^{\circ}C$	$T_c$ (%/ $^{\circ}C$ )
1N821	5.9	6.5	7.5	15	96	-55/+100	.01
1N821A	5.9	6.5	7.5	10	96	-55/+100	.01
1N823	5.9	6.5	7.5	15	48	-55/+100	.005
1N823A	5.9	6.5	7.5	10	48	-55/+100	.005
1N825	5.9	6.5	7.5	15	19	-55/+100	.002
1N825A	5.9	6.5	7.5	10	19	-55/+100	.002
1N827	5.9	6.5	7.5	15	9	-55/+100	.001
1N827A	5.9	6.5	7.5	10	9	-55/+100	.001
1N829	5.9	6.5	7.5	15	5	-55/+100	.0005
1N829A	5.9	6.5	7.5	10	5	-55/+100	.0005

## 400mW & 500mW

Part #	Nominal Zener Voltage		Test Current	Maximum Dynamic Impedance	Voltage Temperature Stability	Temperature Range	Typical Temperature Coefficient
	Min.	Max.					
	$V_Z$ (V)		$I_{ZT}$ (mA)	$Z_{ZT} @ I_{ZT}$	$\Delta V_{ZT}$ (mV)	$^{\circ}C$	$T_c$ (%/ $^{\circ}C$ )
1N4565	6.4		0.5	200	48	0/+75	.01
1N4565A	6.4		0.5	200	99	-55/+100	.01
1N4566	6.4		0.5	200	24	0/+75	.005
1N4566A	6.4		0.5	200	50	-55/+100	.005
1N4567	6.4		0.5	200	9.6	0/+75	.002
1N4567A	6.4		0.5	200	20	-55/+100	.002
1N4568	6.4		0.5	200	4.8	0/+75	.001
1N4568A	6.4		0.5	200	9.9	-55/+100	.001
1N4569	6.4		0.5	200	2.4	0/+75	.0005
1N4569A	6.4		0.5	200	5.0	-55/+100	.0005
1N4570	6.4		1.0	100	48	0/+75	.01
1N4570A	6.4		1.0	100	99	-55/+100	.01
1N4571	6.4		1.0	100	24	0/+75	.005
1N4571A	6.4		1.0	100	50	-55/+100	.005
1N4572	6.4		1.0	100	9.6	0/+75	.002
1N4572A	6.4		1.0	100	20	-55/+100	.002
1N4573	6.4		1.0	100	4.8	0/+75	.001
1N4573A	6.4		1.0	100	9.9	-55/+100	.001
1N4574	6.4		1.0	100	2.4	0/+75	.0005
1N4574A	6.4		1.0	100	5.0	-55/+100	.0005
1N4575	6.4		2.0	50	48	0/+75	.01
1N4575A	6.4		2.0	50	99	-55/+100	.01
1N4576	6.4		2.0	50	24	0/+75	.005
1N4576A	6.4		2.0	50	50	-55/+100	.005
1N4577	6.4		2.0	50	9.6	0/+75	.002
1N4577A	6.4		2.0	50	20	-55/+100	.002
1N4578	6.4		2.0	50	4.8	0/+75	.001
1N4578A	6.4		2.0	50	9.9	-55/+100	.001
1N4579	6.4		2.0	50	2.4	0/+75	.0005
1N4579A	6.4		2.0	50	5.0	-55/+100	.0005
1N4580	6.4		4.0	25	48	0/+75	.01
1N4580A	6.4		4.0	25	99	-55/+100	.01
1N4581	6.4		4.0	25	24	0/+75	.005
1N4581A	6.4		4.0	25	50	-55/+100	.005
1N4582	6.4		4.0	25	9.6	0/+75	.002
1N4582A	6.4		4.0	25	20	-55/+100	.002
1N4583	6.4		4.0	25	4.8	0/+75	.001
1N4583A	6.4		4.0	25	9.9	-55/+100	.001
1N4584	6.4		4.0	25	2.4	0/+75	.0005
1N4584A	6.4		4.0	25	5.0	-55/+100	.0005



# TC ZENER DIODES

400mW & 500mW (cont.)

Part #	Zener Voltage		Test Current	Maximum Dynamic Impedance	Voltage Temperature Stability	Temperature Range	Typical Temperature Coefficient
	Min.	Max.					
	$V_Z$ (V)		$I_{ZT}$ (mA)	$Z_{ZT} @ I_{ZT}$ ( $\Omega$ )	$\Delta V_{ZT}$ (mV)	$^{\circ}C$	$T_c$ (%/°C)
1N3154	8.0	8.8	10	15	130	-55/+100	.01
1N3154A	8.0	8.8	10	15	172	-55/+150	.01
1N3155	8.0	8.8	10	15	65	-55/+100	.005
1N3155A	8.0	8.8	10	15	86	-55/+150	.005
1N3156	8.0	8.8	10	15	26	-55/+100	.002
1N3156A	8.0	8.8	10	15	34	-55/+150	.002
1N3157	8.0	8.8	10	15	13	-55/+100	.001
1N3157A	8.0	8.8	10	15	17	-55/+150	.001
1N935	8.55	9.45	7.5	20	67	0/+75	0.01
1N935A	8.55	9.45	7.5	20	139	-55/+100	0.01
1N935B	8.55	9.45	7.5	20	184	-55/+150	0.01
1N936	8.55	9.45	7.5	20	33	0/+75	0.005
1N936A	8.55	9.45	7.5	20	69	-55/+100	0.005
1N936B	8.55	9.45	7.5	20	92	-55/+150	0.005
1N937	8.55	9.45	7.5	20	13	0/+75	0.002
1N937A	8.55	9.45	7.5	20	27	-55/+100	0.002
1N937B	8.55	9.45	7.5	20	37	-55/+150	0.002
1N938	8.55	9.45	7.5	20	6	0/+75	0.001
1N938A	8.55	9.45	7.5	20	13	-55/+100	0.001
1N938B	8.55	9.45	7.5	20	18	-55/+150	0.001
1N939	8.55	9.45	7.5	20	3	0/+75	0.0005
1N939A	8.55	9.45	7.5	20	7	-55/+100	0.0005
1N939B	8.55	9.45	7.5	20	9	-55/+150	0.0005
1N940	8.55	9.45	7.5	20	1.3	-0/+75	0.0002
1N940A	8.55	9.45	7.5	20	2.7	-55/+100	0.0002
1N940B	8.55	9.45	7.5	20	3.7	-55/+150	0.0002
1N941	11.12	12.28	7.5	30	88	0/+75	.01
1N941A	11.12	12.28	7.5	30	181	-55/+100	.01
1N941B	11.12	12.28	7.5	30	239	-55/+150	.01
1N942	11.12	12.28	7.5	30	44	0/+75	.005
1N942A	11.12	12.28	7.5	30	90	-55/+100	.005
1N942B	11.12	12.28	7.5	30	120	-55/+150	.005
1N943	11.12	12.28	7.5	30	18	0/+75	.002
1N943A	11.12	12.28	7.5	30	36	-55/+100	.002
1N943B	11.12	12.28	7.5	30	47	-55/+150	.002
1N944	11.12	12.28	7.5	30	9	0/+75	.001
1N944A	11.12	12.28	7.5	30	18	-55/+100	.001
1N944B	11.12	12.28	7.5	30	24	-55/+150	.001
1N945	11.12	12.28	7.5	30	4	0/+75	.0005
1N945A	11.12	12.28	7.5	30	9	-55/+100	.0005
1N945B	11.12	12.28	7.5	30	12	-55/+150	.0005
1N946	11.12	12.28	7.5	30	20	0/+75	.0005
1N946A	11.12	12.28	7.5	30	20	-55/+100	.0005
1N946B	11.12	12.28	7.5	30	20	-55/+150	.0005
1N3496	5.9	6.5	7.5	15	23	0 to +75	.005
1N3497	5.9	6.5	7.5	15	9	0 to +75	.002
1N3498	5.9	6.5	7.5	15	5	0 to +75	.001
1N3499	5.9	6.5	7.5	15	2	0 to +75	.0005
1N3500	5.9	6.5	7.5	15	47	0 to +75	.01

