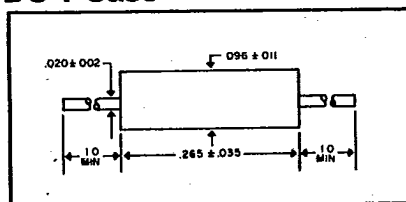


TC ZENER DIODES

DO-7 Case

400 mW & 500 mW, TC

DO-7 Case



Type	Zener Voltage Min. Max.	Test Current	Maximum† Dynamic Impedance	Temperature Range	Typical Temperature Coefficient
	V_Z V	I_{ZT} mA	$Z_{ZT} @ I_{ZT}$ Ω	$^{\circ}\text{C}$	%/ $^{\circ}\text{C}$
1N3779 1N3780 1N3781	6.3	7.5	10	-55 to +100	.015 .01 .005
1N3782 1N3783 1N3784	6.3	7.5	10	-55 to +100	.002 .001 .0005

†Zener impedance is derived from the 1kHz voltage created when AC current with RMS value of 10% of DC zener test current is superimposed on the test current.

400 mW & 500 mW, TC

DO-7 Case

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

†Standard tolerance is $\pm 5\%$.

‡Zener impedance is derived from the 1kHz voltage created when AC current with RMS value of 10% of DC zener test current is superimposed on the test current.

DO-7 Case

