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1N4565 thru 1N4584A

TEMPERATURE COMPENSATED ZENER REFERENCE DIODES
6.4 VOLT NOMINAL ZENER VOLTAGE

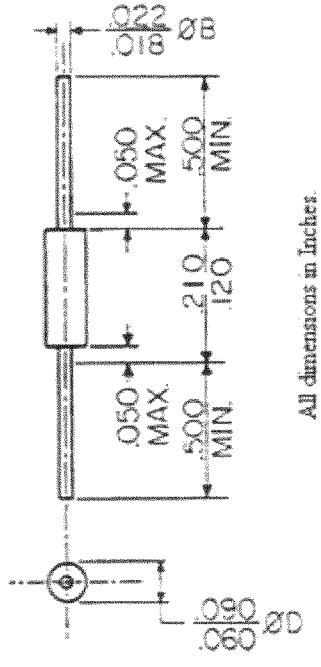
FEATURES

- 6.4 V ±5% Zener Voltage (Note 1)
- Temperature Coefficient Range: .01 to .0005%/°C
- Zener Test Current Range 500uA to 4 mA

MAXIMUM RATINGS

Operating Temperature:	-55 °C to +175 °C
Storage Temperature:	-55 °C to +175 °C
DC Power Dissipation:	400 mW at 50 °C
Power Derating:	3.2 mW/°C above 50 °C

DO-35



All dimensions in Inches

* ELECTRICAL CHARACTERISTICS @ 25 °C, unless otherwise specified

JEDEC TYPE NUMBERS	ZENER TEST CURRENT - I_{z_t} (Note 1)	MAZIMUM DYNAMIC ZENER IMPEDANCE Z_{z_t} (Note 2)	MAXIMUM VOLTAGE TEMPERATURE COEFFICIENT		
	mA	Ohms	±% /°C	±mV/°C	TEMP RANGE °C
1N4565 1N4565A	.5 .5	200 200	.01 .01	.64 .64	0 to +75 -55 to +100
1N4566 1N4566A	.5 .5	200 200	.005 .005	.32 .32	0 to +75 -55 to +100
1N4567 1N4567A	.5 .5	200 200	.002 .002	.13 .13	0 to +75 -55 to +100
1N4568 1N4568A	.5 .5	200 200	.001 .001	.06 .06	0 to +75 -55 to +100
1N4569 1N4569A	.5 .5	200 200	.0005 .0005	.03 .03	0 to +75 -55 to +100
1N4570 1N4570A	1.0 1.0	100 100	.01 .01	.64 .64	0 to +75 -55 to +100
1N4571 1N4571A	1.0 1.0	100 100	.005 .005	.32 .32	0 to +75 -55 to +100
1N4572 1N4572A	1.0 1.0	100 100	.002 .002	.13 .13	0 to +75 -55 to +100
1N4573 1N4573A	1.0 1.0	100 100	.001 .001	.06 .06	0 to +75 -55 to +100
1N4574 1N4574A	1.0 1.0	100 100	.0005 .0005	.03 .03	0 to +75 -55 to +100
1N4575 1N4575A	2.0 2.0	50 50	.01 .01	.64 .64	0 to +75 -55 to +100
1N4576 1N4576A	2.0 2.0	50 50	.005 .005	.32 .32	0 to +75 -55 to +100
1N4577 1N4577A	2.0 2.0	50 50	.002 .002	.13 .13	0 to +75 -55 to +100
1N4578 1N4578A	2.0 2.0	50 50	.001 .001	.06 .06	0 to +75 -55 to +100
1N4579 1N4579A	2.0 2.0	50 50	.0005 .0005	.03 .03	0 to +75 -55 to +100
1N4580A 1N4580A	4.0 4.0	25 25	.01 .01	.64 .64	0 to +75 -55 to +100
1N4581 1N4581A	4.0 4.0	25 25	.005 .005	.32 .32	0 to +75 -55 to +100
1N4582 1N4582A	4.0 4.0	25 25	.002 .002	.13 .13	0 to +75 -55 to +100
1N4583 1N4583A	4.0 4.0	25 25	.001 .001	.06 .06	0 to +75 -55 to +100
1N4584 1N4584A	4.0 4.0	25 25	.0005 .0005	.03 .03	0 to +75 -55 to +100

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