

*** ELECTRICAL CHARACTERISTICS @ 25°C, unless otherwise specified**

JEDEC TYPE Number (Notes 1 & 4)	ZENER TEST CURRENT (Note 3) I_{ZT} mA	MAXIMUM VOLTAGE TEMPERATURE COEFFICIENT			MAXIMUM REVERSE CURRENT I_R @ 3 V μA	MAX. DYNAMIC IMPEDANCE (Note 2) Z_{ZT} @ I_{ZT} OHMS
		α_{VZ} +/- %/°C	+/- mV/°C	Temp. Range		
1N4565	.5	.01	.64	0 to +75°C	2.0	200
1N4565A	.5	.01	.64	-55 to +100°C	2.0	200
1N4566	.5	.005	.32	0 to +75°C	2.0	200
1N4566A	.5	.005	.32	-55 to +100°C	2.0	200
1N4567	.5	.002	.13	0 to +75°C	2.0	200
1N4567A	.5	.002	.13	-55 to +100°C	2.0	200
1N4568	.5	.001	.06	0 to +75°C	2.0	200
1N4568A	.5	.001	.06	-55 to +100°C	2.0	200
1N4569	.5	.0005	.03	0 to +75°C	2.0	200
1N4569A	.5	.0005	.03	-55 to +100°C	2.0	200
1N4570	.5	.01	.64	0 to +75°C	2.0	100
1N4570A	.5	.01	.64	-55 to +100°C	2.0	100
1N4571	1.0	.005	.32	0 to +75°C	2.0	100
1N4571A	1.0	.005	.32	-55 to +100°C	2.0	100
1N4572	1.0	.002	.13	0 to +75°C	2.0	100
1N4572A	1.0	.002	.13	-55 to +100°C	2.0	100
1N4573	1.0	.001	.06	0 to +75°C	2.0	100
1N4573A	1.0	.001	.06	-55 to +100°C	2.0	100
1N4574	1.0	.0005	.03	0 to +75°C	2.0	100
1N4574A	1.0	.0005	.03	-55 to +100°C	2.0	100
1N4575	2.0	.01	.64	0 to +75°C	2.0	50
1N4575A	2.0	.01	.64	-55 to +100°C	2.0	50
1N4576	2.0	.005	.32	0 to +75°C	2.0	50
1N4576A	2.0	.005	.32	-55 to +100°C	2.0	50
1N4577	2.0	.002	.13	0 to +75°C	2.0	50
1N4577A	2.0	.002	.13	-55 to +100°C	2.0	50
1N4578	2.0	.001	.06	0 to +75°C	2.0	50
1N4578A	2.0	.001	.06	-55 to +100°C	2.0	50
1N4579	2.0	.0005	.03	0 to +75°C	2.0	50
1N4579A	2.0	.0005	.03	-55 to +100°C	2.0	50
1N4580	4.0	.01	.64	0 to +75°C	2.0	25
1N4580A	4.0	.01	.64	-55 to +100°C	2.0	25
1N4581	4.0	.005	.32	0 to +75°C	2.0	25
1N4581A	4.0	.005	.32	-55 to +100°C	2.0	25
1N4582	4.0	.002	.13	0 to +75°C	2.0	25
1N4582A	4.0	.002	.13	-55 to +100°C	2.0	25
1N4583	4.0	.001	.06	0 to +75°C	2.0	25
1N4583A	4.0	.001	.06	-55 to +100°C	2.0	25
1N4584	4.0	.0005	.03	0 to +75°C	2.0	25
1N4584A	4.0	.0005	.03	-55 to +100°C	2.0	25

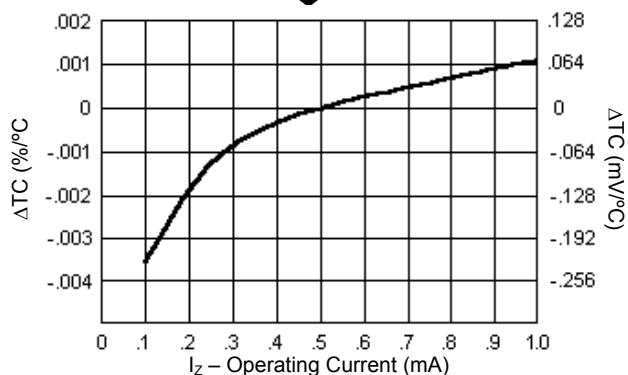
* JEDEC Registered Data.

NOTES:

1. When ordering devices with tighter tolerances than specified for the V_Z voltage nominal of 6.2V, add a hyphenated suffix to the part number for desired tolerance, e.g. 1N4569A-2%, 1N4574A-1-1%, 1N4579-1-2%, 1N4584A-1-3%, etc.
2. Zener impedance is measured by superimposing 0.75 mA ac rms on 7.5 mA dc @ 25°C.
3. Voltage measurements to be performed 15 seconds after application of dc current.
4. 1N4565A thru 1N4584A also have qualification to MIL-PRF-19500/452 by adding the JAN, JANTX, JANTXV, or JANS prefixes to part numbers as well as the "-1" suffix; e.g. JANTX1N4569A-1, JANTXV1N4574A-1, etc.

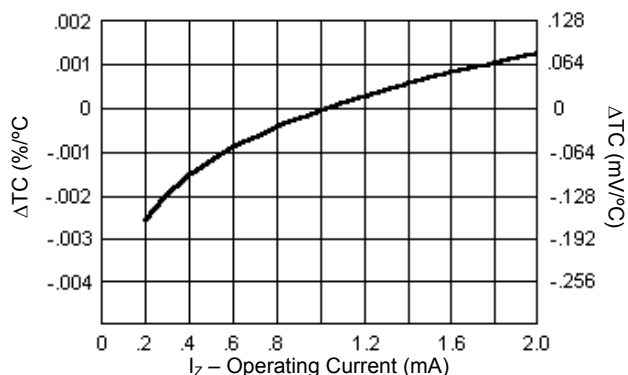
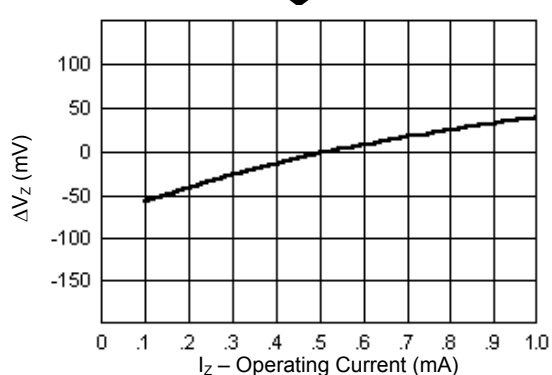
GRAPHS

Typical change of
Temperature Coefficient
with change in
Operating Current

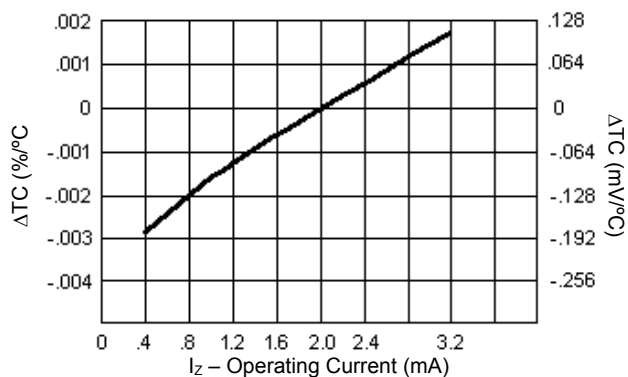
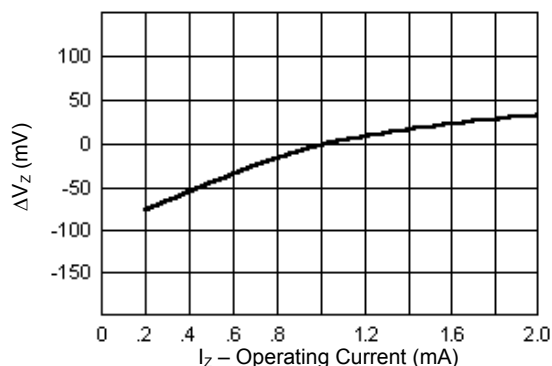


1N4565 – 1N4569A

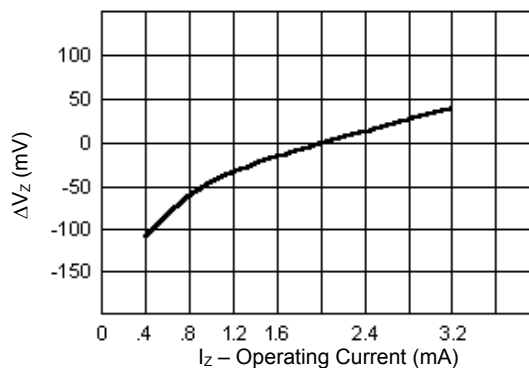
Typical Change
in Zener Voltage
with change in
Operating Current

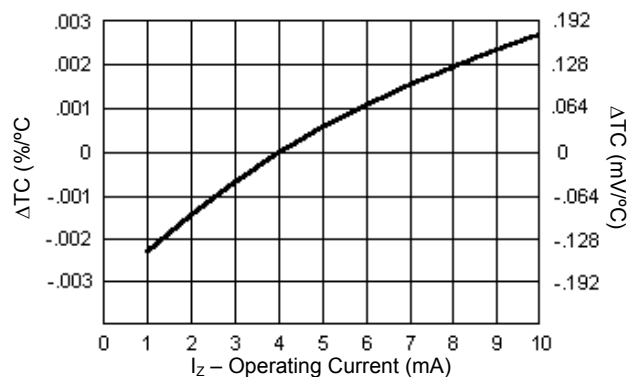


1N4570 – 1N4574A

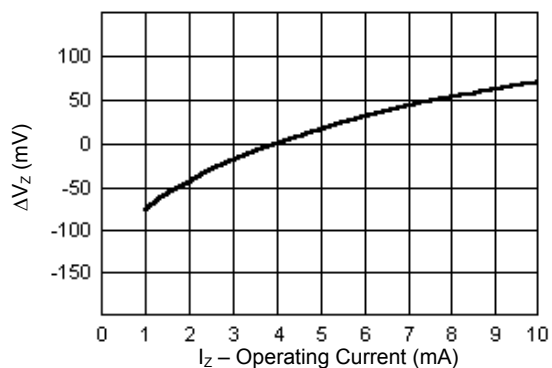


1N4575 – 1N4579A

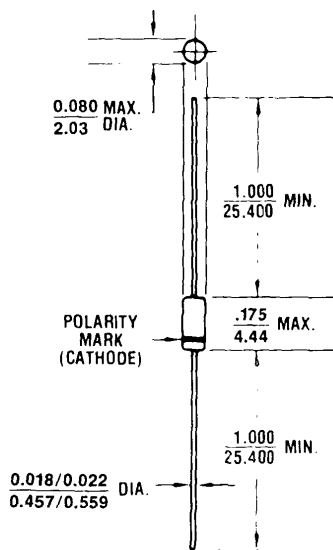




1N4580 - 1N4584A



PACKAGE DIMENSIONS



All dimensions in INCH
mm