

STABISTORS

Part #	Voltage	Tolerance	Max. Leakage Current	Test Current	Max. Dynamic Impedance	Typical Temp. Coefficient
	V _R (V)	5% (±V)	I _R @ 10V (mA)	I _T (mA)	Z _T @ I _T (Ω)	T _C (%/°C)
1N816	.704	.023	10	1	—	—
1N3896	.775	.039	10	50	2.5	.020
1N3897	1.500	.075	10	30	5.0	.022
1N3898	2.000	.100	10	20	10.0	.023
1N4829	1.900	.095	10	100	—	—
1N4830	2.60 max	.135	10	100	—	—
BZ102/0V7	.700	.035	10	5	10	.023
BZ102/1V4	1.400	.070	10	5	20	.023
BZ102/2V1	2.100	.105	10	5	30	.023
BZ102/2V8	2.800	.140	10	5	40	.023
BZ102/3V4	3.450	.173	10	5	50	.023
BZX75C1V4	1.400	.070	10	10	10	.033
BZX75C2V1	2.100	.105	10	10	15	.050
BZX75C2V8	2.800	.140	10	10	20	.066
BZX75C3V6	3.600	.180	10	10	25	.082
G129	.560	.028	10	1	—	—
G130	.640	.032	10	1	—	—
ST22	.640	.032	10	1	60	.031
ST23	.600	.030	10	1	45	.033
ST37	.830	.042	10	100	15	—
ST38	1.650	.083	10	100	30	—
ST39	2.500	.125	10	100	45	—
ST41	3.300	.165	10	100	6	—
STB-1	.650	.033*	10	10	—	—
STB-2	1.300	.065	10	10	—	—
STB-4	2.600	.130	10	10	—	—
STB-567	1.460	.146*	10	10	—	—
STB-568	2.200	.110	10	10	—	—
STB-569	2.870	.144	10	10	—	—
AP2361	1.35	.068	10	10	—	—

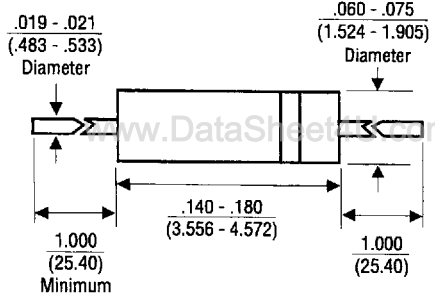
Part #	Minimum Breakdown Voltage B _V @ 5μA, Volts	Forward Voltage		Maximum Reverse Current		
				@ 25°C (nA)	@ 150°C (μA)	@ Volts
1N4156	30	Table 1		50	50	20
1N4157	30	Table 2		50	50	20
1N4453	30	Table 3		50	50	20
1N5179	30	Table 4		50	50	20
1N4829	30 @ 100μA	Table 5		100	25 @ 100°C	20
1N4830	30 @ 100μA	Table 6		100	25 @ 100°C	20
MPD200	30	Table 7		30	—	30
MPD300	60	Table 8		30	—	30
MPD400	90	Table 9		30	—	30

Forward Voltage, V_F, Volts

I _T mA	Table 1 Min. Max.	Table 2 Min. Max.	Table 3 Min. Max.	Table 4 Min. Max.	Table 5 Min. Max.	Table 6 Min. Max.	Table 7 Min. Max.	Table 8 Min. Max.	Table 9 Min. Max.
0.010	0.74 - 1.09	1.19 - 1.54	.430 - .550	1.40 - 2.10			0.90 - 1.00	1.40 - 1.54	1.82 - 2.01
0.100	0.97 - 1.22	1.52 - 1.77	.510 - .630	1.80 - 2.50	0.84 - 1.25	1.35 - 1.80	1.05 - 1.16	1.62 - 1.78	2.14 - 2.36
1.0	1.21 - 1.41	1.85 - 2.05	.600 - .710	2.20 - 2.80	0.99 - 1.44	1.63 - 2.08	1.22 - 1.34	1.84 - 2.03	2.47 - 2.71
10	1.38 - 1.58	2.12 - 2.32	.690 - .800	2.60 - 3.20	1.16 - 1.61	1.90 - 2.35	1.39 - 1.54	2.10 - 2.33	2.80 - 3.07
100**	1.54 - 1.84	2.36 - 2.66	.800 - .920	3.00 - 3.70	1.35 - 1.87	2.15 - 2.69	1.60 - 1.76	2.40 - 2.65	3.16 - 3.49

** Pulsed measurement. Pulse width ≤ 800nsec, Duty cycle ≤ 2%

DO-35



Operating temperature -65°C to +150°C
5% standard tolerance; Special tolerances available upon request



**CALL US AT 617-592-6090
OR FAX US AT 617-592-0677**