

MOTOROLA SC {DIODES/OPTO}

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96 ⊅€ 6367255 0078008 9

1N2804 thru 1N2846, 1N3305 thru 1N3350, 1N4549 thru 1N4564 T-//-/9

ELECTRICAL CHARACTERISTICS (T_C = 30 °C unless otherwise specified, V_F = 1.5 V max @ 10 A on all types.)

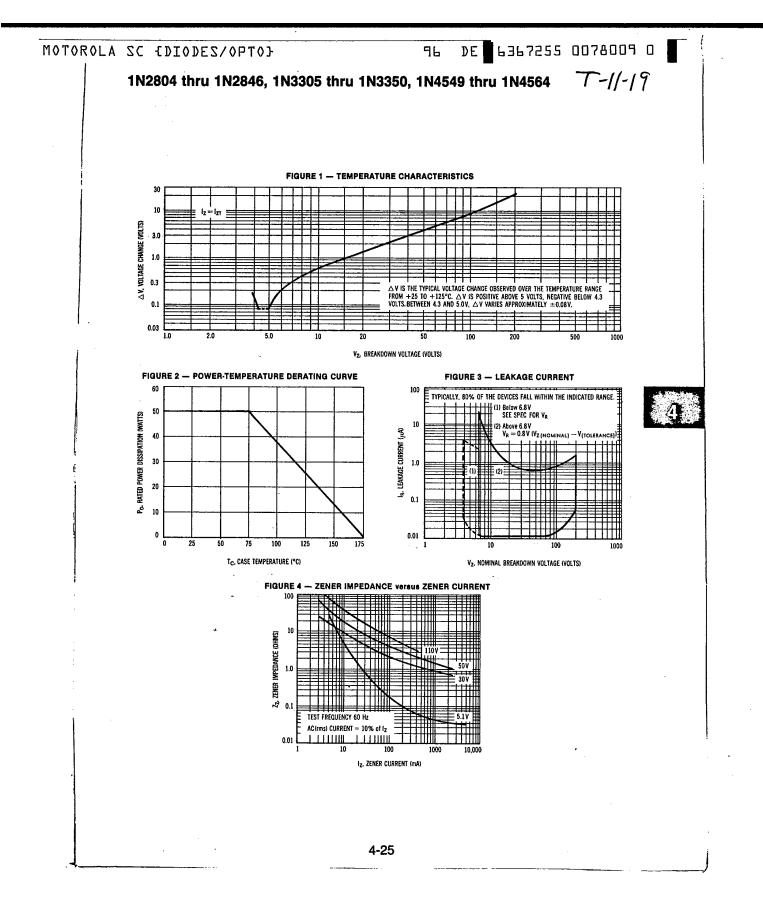
50 Watt Case 54	50 Watt Case 58	Nominal Zener Voitage Ø IZT (Vz) Voite	Test Current (I _{ZT})	Max Zo	iner Impedance	Max DC Zener Current	Reverse* Leskage Current			Typical Zener
				ZZT @ IZT	7	75°C Case Temp (I _{ZM})mA		T		Voltage Temp. Coel
414667				ohms	ZZK @ IZK = 5mA ohms		l _R Mex (µA)	VR1	VR2	%/•C
1N4557	1N4549	3.9	3200	0.16	400	11900	150	0.5	0.5	025
1N4558	1N4550	4.3	2900	0.16	500	10650	150	0.5	0.5	025
1N4559	1N4551	4.7	2650	0.12	600	· 9700	100	1.0	1.0	.010
1N4560	1N4552	5.1	2450	0.12	650	8900	20	1.0	.1.0	.015
1N4561	1N4553	5.6	2250	0.12	900	8100	20	1.0	1.0	.030
1N4562	1N4554	6.2	2000	0.14	1000	7300	20	2.0	2.0	.040
1N2804	1N3305	6.8	1850	0.2	70	6600	150	4.5	4.3	.040
1N4563	1N4555	6.8	1850	0.16	200	6650	10	2.0	2.0	.045
1N2805	1N3306	7.5	1700	0.3	70	5900	75	5,0	4.7	.045
1N4564	1N4556	7.5	1650	0.24	100	6050	10	3.0	3.0	.053
1N2806	1N3307	8.2	1500	0.4	70	5200	50	5.4	5.2	.048
1N2807	1N3308	9.1	1370	0.5	70	4800	25	6.1	5.7	.051
1N2808	1N3309	10	1200	0.6	80	4300	10	6.7	6.3	.055
1N2809	1N3310	11	1100	0.8	80	3900	5	8.4	8.0	.060
1N2810	1N3311	12	1000	. 1.0	80	3600	5	9.1	8.6	.065
1N2811	1N3312	13	960	1.1	80	3300	5	9.9	9.4	.065
1N2812	1N3313	14	890	1.2	80	3000	5	10.6	10.1	.005
1N2813	1N3314	15	830	1.4	80	2800	5	11.4	10.8	.070
1N2814	1N3315	16	780	1.6	80	2650	5	12.2	11.5	.070
1N2815	1N3316	17	740	1.8	80	2500	5	13.0	12.2	
1N2816	1N3317	18	700	2.0	80	2300	5	13.7	13.0	.075
1N2817	1N3318	19	660	2.2	80	2200	5	14.4		.075
IN2818	1N3319	20	630	2.4	80	2100	5		13.7	.075
ÍN2819	1N3320	22	570	2.5	80	1900		15.2	14.4	.075
N2820	1N3321	24	520	2.6	80	1750	<u>5</u>	16.7	15,8	.080
IN2821	1N3322	25	500	2.7	90	1550	- 5	18.2	17.3	.080
N2822	1N3323	27	460	2.8	90	1500		19.0	18.0	.080
N2823	1N3324	30	420	3.0	90		5	20.6	19.4	.085
N2824	1N3325	33	380	3.2	90	1400 1300	5	22.8	21.6	.085
N2825	1N3326	36	350	3.5	90		5	25.1	23.8	.085
N2826	1N3327	39	320	4.0	90	1150	5	27.4	25.9	.085
N2827	1N3328	43	290	4.5	90	1050	5	29.7	28.1	.090
N2828	1N3329	45	280	4.5		975	5	32.7	31.0	.090
N2829	1N3330	47	270		100	930	5	34.2	32.4	.090
N2830	1N3331	50	250	5.0 5.0	100	880	5	35.8	33.8	.090
N2831	1N3332	51	245	5.2	100	830	5	38.0	36.0	.090
-	1N3333	52	240	5.5	100	810	5	38.8	36.7	.090
N2832	1N3334	56	220		100	790	5	39.5	37.4	.090
N2833	1N3335	62	200	6	110	740	5	42.6	40.3	.090
	1N3336	68		7	120	660	5	47.1	44.6	.090
	1N3337		180	8	140	600	5	51.7	49.0	.090
	1N3338	75	170	9	150	540	5	56.0	54.0	.090
		82	150	11	160	490	5	62.2	59.0	.090
	1N3339	91	140	15	180	420	5	69.2	65.5	.090
	1N3340	100	120	20	200	400	5	76.0	72.0	.090
	1N3341	105	120	25	210	380	5	79.8	75.6	.095
	1N3342	110	110	30	220	365	5	83.6	79.2	.095
	1N3343	120	100	40	240	335	5	91.2	86.4	.095
	1N3344	130	95	50	275	310	5	98.8	93.6	.095
	1N3345	140	90	60	325	290	5	106.4	100.8	.095
	1N3346	150	85	75	400	270	5	114.0	108.0	.095
	1N3347	160	80	80	450	250	5	121.6	115.2	.095
	1N3348	175	70	85	500	230	5	133.0	126.0	
	1N3349	180	68	90	525	220	5	136.8	129.6	.095 .095
N2846	1N3350	200	65	100	600	200	5	152.0	144.0	.095

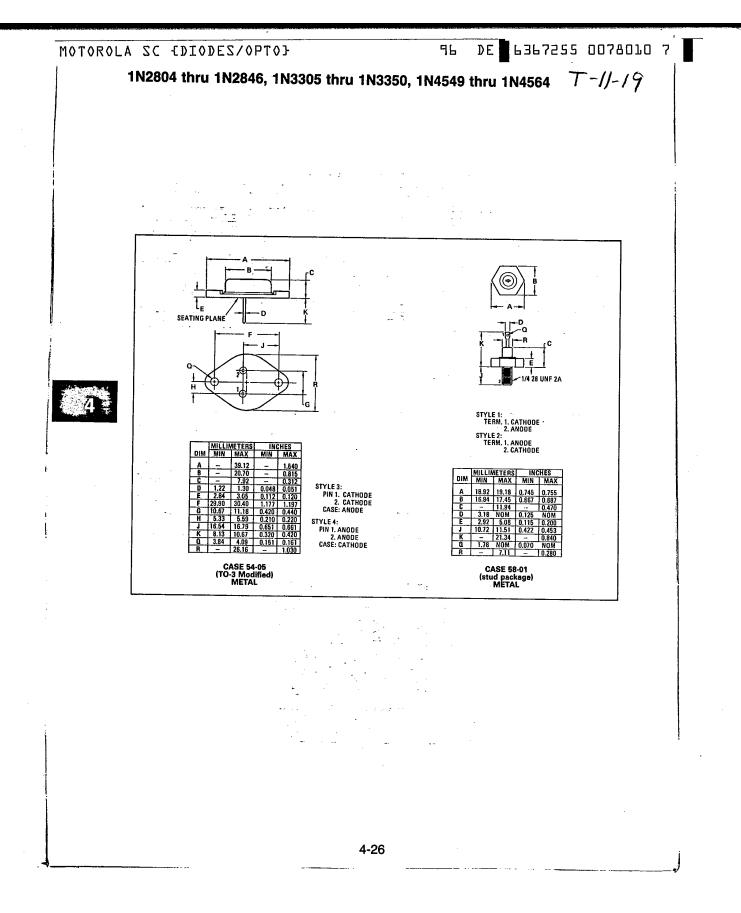
SPECIAL SELECTIONS AVAILABLE INCLUDE: (See Selector Guide for details)

*VR1 - Test Voltage for 5% Tolerance Device

VR2 - Test Voltage for 10% Tolerance Device

No Leakage Specified as 20% Tolerance Device





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