

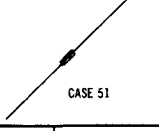
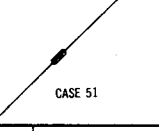
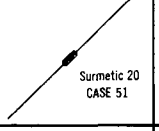
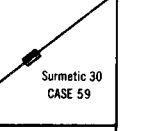
1N722-1N766

TYPE	MATERIAL	REPLACEMENT	PAGE NUMBER	IDENTIFICATION	RECTIFIERS					ZENER DIODES			
					V_R (volts)	V_F (volts)	I_O (Amps)	I_R (mA)	I_{surge} (Amps)	V_Z (min)	V_Z (nom) * V_Z (max)	Tol V_Z %	P_D
					SIGNAL DIODES					REFERENCE DIODES			
					P_{RV} (volts)	V_F @ I_F (volts)		I_R	t_r (μs)	TC %/°C	V_Z	T (min) °C	T (max) °C
1N722	S	1N5251A	2-32	ZD						22*	10	250M	
1N722A	S	1N5251B	2-32	ZD						22*	5.0	250M	
1N723	S	1N5252A	2-32	ZD						24*	10	250M	
1N723A	S	1N5252B	2-32	ZD						24*	5.0	250M	
1N724	S	1N5254A	2-32	ZD						27*	10	250M	
1N724A	S	1N5254B	2-32	ZD						27*	5.0	250M	
1N725	S	1N5256A	2-32	ZD						30*	10	250M	
1N725A	S	1N5256B	2-32	ZD						30*	5.0	250M	
1N726	S	1N5257A	2-32	ZD						33*	10	250M	
1N726A	S	1N5257B	2-32	ZD						33*	5.0	250M	
1N727	S	1N5258A	2-32	ZD						36*	10	250M	
1N727A	S	1N5258B	2-32	ZD						36*	5.0	250M	
1N728	S	1N5259A	2-32	ZD						39*	10	250M	
1N728A	S	1N5259B	2-32	ZD						39*	5.0	250M	
1N729	S	1N5260A	2-32	ZD						43*	10	250M	
1N729A	S	1N5260B	2-32	ZD						43*	5.0	250M	
1N730	S	1N5261A	2-32	ZD						47*	10	250M	
1N730A	S	1N5261B	2-32	ZD						47*	5.0	250M	
1N731	S	1N5262A	2-32	ZD						51*	10	250M	
1N731A	S	1N5262B	2-32	ZD						51*	5.0	250M	
1N732	S	1N5263A	2-32	ZD						56*	10	250M	
1N732A	S	1N5263B	2-32	ZD						56*	5.0	250M	
1N733	S	1N5265A	2-32	ZD						62*	10	250M	
1N733A	S	1N5265B	2-32	ZD						62*	5.0	250M	
1N734	S	1N5266A	2-32	ZD						68*	10	250M	
1N734A	S	1N5266B	2-32	ZD						68*	5.0	250M	
1N735	S	1N5267A	2-32	ZD						75*	10	250M	
1N735A	S	1N5267B	2-32	ZD						75*	5.0	250M	
1N736	S	1N5268A	2-32	ZD						82*	10	250M	
1N736A	S	1N5268B	2-32	ZD						82*	5.0	250M	
1N737	S	1N5270A	2-32	ZD						91*	10	250M	
1N737A	S	1N5270B	2-32	ZD						91*	5.0	250M	
1N738	S	1N5271A	2-32	ZD						100*	10	250M	
1N738A	S	1N5271B	2-32	ZD						100*	5.0	250M	
1N739	S	1N5272A	2-32	ZD						110*	10	250M	
1N739A	S	1N5272B	2-32	ZD						110*	5.0	250M	
1N740	S	1N5273A	2-32	ZD						120*	10	250M	
1N740A	S	1N5273B	2-32	ZD						120*	5.0	250M	
1N741	S	1N5274A	2-32	ZD						130*	10	250M	
1N741A	S	1N5274B	2-32	ZD						130*	5.0	250M	
1N742	S	1N5276A	2-32	ZD						150*	10	250M	
1N742A	S	1N5276B	2-32	ZD						150*	5.0	250M	
1N743	S	1N5277A	2-32	ZD						160*	10	250M	
1N743A	S	1N5277B	2-32	ZD						160*	5.0	250M	
1N744	S	1N5279A	2-32	ZD						180*	10	250M	
1N744A	S	1N5279B	2-32	ZD						180*	5.0	250M	
1N745	S	1N5281A	2-32	ZD						200*	0	250M	
1N745A	S	1N5281B	2-32	ZD						200*	5.0	250M	
1N746	S		2-11	ZD						3.3*	10	400M	
1N746A	S		2-11	ZD						3.3*	5.0	400M	
1N747	S		2-11	ZD						3.6*	10	400M	
1N747A	S		2-11	ZD						3.6*	5.0	400M	
1N748	S		2-11	ZD						3.9*	10	400M	
1N748A	S		2-11	ZD						3.9*	5.0	400M	
1N749	S		2-11	ZD						4.3*	10	400M	
1N749A	S		2-11	ZD						4.3*	5.0	400M	
1N750	S		2-11	ZD						4.7*	10	400M	
1N750A	S		2-11	ZD						4.7*	5.0	400M	
1N751	S		2-11	ZD						5.1*	10	400M	
1N751A	S		2-11	ZD						5.1*	5.0	400M	
1N752	S		2-11	ZD						5.6*	10	400M	
1N752A	S		2-11	ZD						5.6*	5.0	400M	
1N753	S		2-11	ZD						6.2*	10	400M	
1N753A	S		2-11	ZD						6.2*	5.0	400M	
1N754	S		2-11	ZD						6.8*	10	400M	
1N754A	S		2-11	ZD						6.8*	5.0	400M	
1N755	S		2-11	ZD						7.5*	10	400M	
1N755A	S		2-11	ZD						7.5*	5.0	400M	
1N756	S		2-11	ZD						8.2*	10	400M	
1N756A	S		2-11	ZD						8.2*	5.0	400M	
1N757	S		2-11	ZD						9.1*	10	400M	
1N757A	S		2-11	ZD						9.1*	5.0	400M	
1N758	S		2-11	ZD						10.0*	10	400M	
1N758A	S		2-11	ZD						10.0*	5.0	400M	
1N759	S		2-11	ZD						12.0*	10	400M	
1N759A	S		2-11	ZD						12.0*	5.0	400M	
1N761	S		2-11	ZD					4.3	5.4		250M	
1N762	S		2-11	ZD					5.2	6.4		250M	
1N763	S		2-11	ZD					6.2	8.0		250M	
1N764	S		2-11	ZD					7.5	10.0		250M	
1N765	S		2-11	ZD					9.0	12.0		250M	
1N766	S		2-11	ZD					11.0	14.5		250M	

R—Rectifier, RD—Reference Diode, ZD—Zener Diode, GP—General Purpose, HC—High Conductance ($\geq 20 \text{ mA} @ \leq 1 \text{ V}$), HS—High Speed Switch (Max $t_r < 0.3 \mu s$), CS—High Conductance, High Speed Switch, MS—Medium Speed Switch, PA—Parametric Amplifier, SP—Special Purpose.

ZENER DIODE

IMPORTANT... The device type numbers listed below represent a basic profile of the industry's largest inventory of zener diodes. In addition to this wide selection of standard voltages and power ratings, special devices are readily obtainable. Such special devices include in-between voltages, closer tolerances, matched pairs, matched sets, etc., to satisfy any critical design requirement. FOR INFORMATION ON HOW TO OBTAIN SPECIAL DEVICES, SEE PAGE 2-4.

Nominal Zener Voltage	$\frac{1}{4}$ WATT Cathode = Polarity Mark		400 MILLIWATT Cathode = Polarity Mark		500 MILLIWATT Cathode = Polarity Mark	1 WATT Cathode = Polarity Mark
						
(NOTE 6)	INDUSTRIAL (NOTE 1)	INDUSTRIAL ±5% TOLERANCE	INDUSTRIAL (NOTE 2, 3)	* MIL-S-19500/127 (1N746A-759A 1N4370A-4372A) MIL-S-19500/117 (1N962B-992B)	INDUSTRIAL (NOTE 5)	INDUSTRIAL (NOTE 2)
2.4	1/4M2.4AZ		1N4370	1N4370A	1N5221	
2.7	1/4M2.7AZ		1N4371	1N4371A	1N5223	
3.0	1/4M3.0AZ		1N4372	1N4372A	1N5225	
3.3	1/4M3.3AZ		1N746	1N746A	1N5226	1N4728
3.6	1/4M3.6AZ		1N747	1N747A	1N5227	1N4729
3.9	1/4M3.9AZ		1N748	1N748A	1N5228	1N4730
4.3	1/4M4.3AZ		1N749	1N749A	1N5229	1N4731
4.7	1/4M4.7AZ		1N750	1N750A	1N5230	1N4732
5.1	1/4M5.1AZ		1N751	1N751A	1N5231	1N4733
5.6	1/4M5.6AZ		1N752	1N752A	1N5232	1N4734
6.2	1/4M6.2AZ		1N753	1N753A	1N5234	1N4735
6.8	1/4M6.8Z	1N4099	1N754 1N957	1N754A	1N5235	1N4736
7.5	1/4M7.5Z	1N4100	1N755 1N958	1N755A	1N5236	1N4737
8.2	1/4M8.2Z	1N4101	1N756 1N959	1N756A	1N5237	1N4738
9.1	1/4M9.1Z	1N4103	1N757 1N960	1N757A	1N5239	1N4739
10	1/4M10Z	1N4104	1N758 1N961	1N758A	1N5240	1N4740
11	1/4M11Z	1N4105	1N962	1N962B	1N5241	1N4721
12	1/4M12Z	1N4106	1N759 1N963	1N759A 1N963B	1N5242	1N4742
13	1/4M13Z	1N4107	1N964	1N964B	1N5243	1N4743
15	1/4M15Z	1N4109	1N965	1N965B	1N5245	1N4744
16	1/4M16Z	1N4110	1N966	1N966B	1N5246	1N4745
18	1/4M18Z	1N4112	1N967	1N967B	1N5248	1N4746
20	1/4M20Z	1N4114	1N968	1N968B	1N5250	1N4747
22	1/4M22Z	1N4115	1N969	1N969B	1N5251	1N4748
24	1/4M24Z	1N4116	1N970	1N970B	1N5252	1N4749
27	1/4M27Z	1N4118	1N971	1N971B	1N5254	1N4750
30	1/4M30Z	1N4120	1N972	1N972B	1N5256	1N4751
33	1/4M33Z	1N4121	1N973	1N973B	1N5257	1N4752
36	1/4M36Z	1N4122	1N974	1N974B	1N5258	1N4753
39	1/4M39Z	1N4123	1N975	1N975B	1N5259	1N4754
43	1/4M43Z	1N4124	1N976	1N976B	1N5260	1N4755
47	1/4M47Z	1N4125	1N977	1N977B	1N5261	1N4756
51	1/4M51Z	1N4126	1N978	1N978B	1N5262	1N4757
56	1/4M56Z	1N4127	1N979	1N979B	1N5263	1N4758
62	1/4M62Z	1N4129	1N980	1N980B	1N5265	1N4759
68	1/4M68Z	1N4130	1N981	1N981B	1N5266	1N4760
75	1/4M75Z	1N4131	1N982	1N982B	1N5267	1N4761
82	1/4M82Z	1N4132	1N983	1N983B	1N5268	1N4762
91	1/4M91Z	1N4134	1N984	1N984B	1N5270	1N4763
100	1/4M100Z	1N4135	1N985	1N985B	1N5271	1N4764
110	1/4M110Z		1N986	1N986B	1N5272	1M110ZS10
120	1/4M120Z		1N987	1N987B	1N5273	1M120ZS10
130	1/4M130Z		1N988	1N988B	1N5274	1M130ZS10
150	1/4M150Z		1N989	1N989B	1N5276	1M150ZS10
160	1/4M160Z		1N990	1N990B	1N5277	1M160ZS10
180	1/4M180Z		1N991	1N991B	1N5279	1M180ZS10
200	1/4M200Z		1N992	1N992B	1N5281	1M200ZS10

NOTES: 1. No suffix is 20% tolerance; "10" suffix is ±10% tolerance and "5" suffix is ±5% tolerance.
2. No suffix denotes ±10% tolerance. "A" suffix is ±5% tolerance. (1N4370-4372, 1N746-759; 1N3821-30, 1N3993-4000, 1N4728-64)
3. No suffix is ±20% tolerance; "A" suffix is ±10% tolerance, and "B" suffix is ±5% tolerance. (1N957-992; 1N3016-3051; 1N3785-3820; 1N2970&R-3015&R; 1N4549&R-4556&R; 1N4657&R-4664&R; 1N3305&R-3350&R)