ZENER DIODES

T-11-13

1W ZENER DIODES/DO-41

OPERATING/STORAGE TEMPERATURE -65°C to +200°C

Device Type	Nominal Zener Voltage V_Z @ I_{ZT}	Test Current I_{ZT}	Maximum Zener Impedance		I_{ZK}	Maximum Reverse Leakage Current		Max. Surge Current 8.3ms I_{ZS}	Maximum Regulator Current I_{ZM}
			Z_{ZT}@I_{ZT}	Z_{ZK}@I_{ZK}		I_R	@V_R		
	Volts	mA	Ohms	Ohms	mA	μA	Volts	mA	mA
1N4728A	3.3	76	10	400	1 0	100	1.0	1380	276
1N4729A	3.6	69	10	400	1.0	100	1 0	1260	252
1N4730A	3.9	64	9.0	400	1 0	50	1 0	1170	234
1N4731A	4.3	58	9.0	400	1 0	10	1.0	1085	217
1N4732A	4 7	53	8 0	500	1.0	10	1 0	965	193
1N4733A	5.1	49	7 0	550	1.0	10	1 0	890	178
1N4734A	5 6	45	5 0	600	1.0	10	2 0	810	162
1N4735A	6.2	41	2.0	700	1.0	10	3.0	730	146
1N4736A	6 8	37	3 5	700	1.0	10	4 0	660	133
1N4737A	7 5	34	4.0	700	0 5	10	5.0	605	121
1N4738A	8.2	31	4.5	700	0.5	10	6.0	550	110
1N4739A	9 1	28	5.0	700	0.5	10	7.0	500	100
1N4740A	10	25	7 0	700	0.25	10	7.6	454	91
1N4741A	11	23	8.0	700	0 25	5.0	8 4	414	83
1N4742A	12	21	9.0	700	0.25	5 0	9.1	380	76
1N4743A	13	19	10	700	0.25	5 0	9 9	344	69
1N4744A	15	17	14	700	0.25	5.0	11.4	304	61
1N4745A	16	15.5	16	700	0.25	5.0	12 2	285	57
1N4746A	18	14	20	750	0.25	5 0	13.7	250	50
1N4747A	20	12.5	22	750	0.25	5.0	15 2	225	45
1N4748A	22	11 5	23	750	0.25	5.0	16 7	205	41
1N4749A	24	10 5	25	750	0.25	5 0	18 2	190	38
1N4750A	27	9.5	35	750	0.25	5.0	20 6	170	34
1N4751A	30	8.5	40	1000	0.25	5.0	22 8	150	30
1N4752A	33	7.5	45	1000	0 25	5.0	25 1	135	27
1N4753A	36	7 0	50	1000	0.25	5 0	27.4	125	25
1N4754A	39	6.5	60	1000	0 25	5 0	29 7	115	23
1N4755A	43	6.0	70	1500	0 25	5.0	32.7	110	22
1N4756A	47	5.5	80	1500	0 25	5 0	35.8	95	19
1N4757A	51	5.0	95	1500	0 25	5 0	38.8	90	18
1N4758A	56	4.5	110	2000	0 25	5.0	42.6	80	16
1N4759A	62	4.0	125	2000	0 25	5 0	47.1	70	14
1N4760A	68	3.7	150	2000	0.25	5 0	51 7	65	13
1N4761A	75	3.3	175	2000	0 25	5 0	56.0	60	12
1N4762A	82	3.0	200	3000	0 25	5.0	62 2	55	11
1N4763A	91	2 8	250	3000	0.25	5 0	69.2	50	10
1N4764A	100	2.5	350	3000	0.25	5.0	76.0	45	9

NOTE: Suffix "A" Indicates ±5% Tolerance.

Datasheet.live

GERMANIUM DIODES

OPERATING AND STORAGE TEMPERATURE -55°C to +70°C

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz	Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Forward Voltage @ 25° C T_A		Maximum Reverse Current @ PRV		CATHODE BAND COLOR
	PRV	Io @ T_A = 25°C	I_{FM} (Surge)	I_{FM}	V_{FM}	I_R @ V_R/25°C		
	V_{PK}	mA_{AV}	A_{PK}	mA_{PK}	V_{PK}	μAdc	V_R	

GERMANIUM DIODES/DO-7 GLASS SEALED

1N34A	75	50	0.5	5.0	1.0	20/300	10/50	1-Green
1N270	100	50	0.5	200	1.0	100	50	1N270
1N277	100	50	0.5	100	1.0	250	50	1N277

NOTE: 1N60, 1N60A, 1N295A, 1N635 Also Available on Special Order.