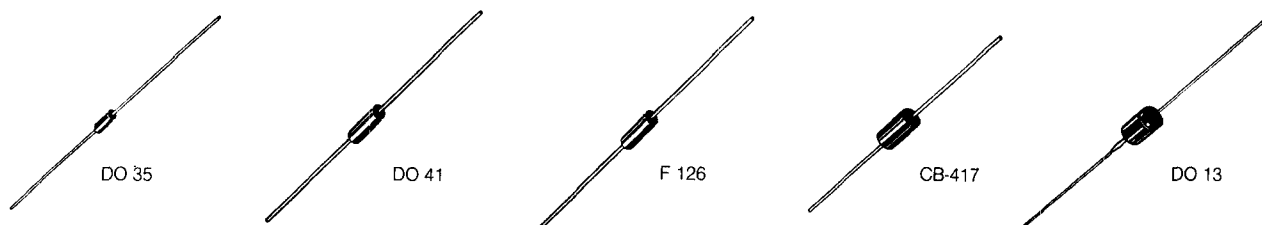


ZENER DIODES



LOW LEAKAGE, LOW IMPEDANCE, LOW NOISE ZENER DIODES

Type	V_{ZT} / I_{ZT} nom (V) (1)	I_{ZT} (μA)	r_{ZT} / I_{ZT} (Ω) (2)	I_R (μA)	V_R (V)	Noise Density @ 250 μA max ($\mu V / \sqrt{Hz}$)	I_{ZM} (mA)	Package
------	--	-------------------------	--	----------------------	--------------	--	------------------	---------

250 mW / $T_{amb} = 25^\circ C$ T_j max = $200^\circ C$

$V_F \leq 1 V$ ($T_{amb} = 25^\circ C$, $I_F = 0.2 A$)

1N 4614	1.8	250	1200	7.5	1.0	1.0	120	DO 35
1N 4615	2.0	250	1250	5.0	1.0	1.0	110	
P 1N 4616	2.2	250	1300	4.0	1.0	1.0	100	
1N 4617	2.4	250	1400	2.0	1.0	1.0	95	
1N 4618	2.7	250	1500	1.0	1.0	1.0	90	
1N 4619	3.0	250	1600	0.8	1.0	1.0	85	
P 1N 4620	3.3	250	1650	7.5	1.5	1.0	80	
P 1N 4621	3.6	250	1700	7.5	2.0	1.0	75	
P 1N 4622	3.9	250	1650	5.0	2.0	1.0	70	
P 1N 4623	4.3	250	1600	4.0	2.0	1.0	65	
P 1N 4624	4.7	250	1550	10	3.0	1.0	60	
P 1N 4625	5.1	250	1500	10	3.0	2.0	55	
1N 4626	5.6	250	1400	10	4.0	4.0	50	
1N 4627	6.2	250	1200	10	5.0	5.0	45	
1N 4099	6.8	250	200	10	5.2	40	35	
1N 4100	7.5	250	200	10	5.7	40	31.8	
1N 4101	8.2	250	200	1.0	6.3	40	29.0	
1N 4102	8.7	250	200	1.0	6.7	40	27.4	
1N 4103	9.1	250	200	1.0	7.0	40	26.2	
1N 4104	10	250	200	1.0	7.6	40	24.8	
1N 4105	11	250	200	0.05	8.5	40	21.6	
1N 4106	12	250	200	0.05	9.2	40	20.4	
1N 4107	13	250	200	0.05	9.9	40	19.0	
1N 4108	14	250	200	0.05	10.7	40	17.5	
1N 4109	15	250	100	0.05	11.4	40	16.3	
1N 4110	16	250	100	0.05	12.2	40	15.4	
1N 4111	17	250	100	0.05	13.0	40	14.5	
1N 4112	18	250	100	0.05	13.7	40	13.2	
1N 4113	19	250	150	0.05	14.5	40	12.5	
1N 4114	20	250	150	0.01	15.2	40	11.9	
1N 4115	22	250	150	0.01	16.8	40	10.8	
1N 4116	24	250	150	0.01	18.3	40	9.9	
1N 4117	25	250	150	0.01	19.0	40	9.5	
1N 4118	27	250	150	0.01	20.5	40	8.8	
1N 4119	28	250	200	0.01	21.3	40	8.5	
1N 4120	30	250	200	0.01	22.8	40	7.9	
1N 4121	33	250	200	0.01	25.1	40	7.2	
1N 4122	36	250	200	0.01	27.4	40	6.6	
1N 4123	39	250	200	0.01	29.7	40	6.1	
1N 4124	43	250	250	0.01	32.7	40	5.5	
1N 4125	47	250	250	0.01	35.8	40	5.1	
1N 4126	51	250	300	0.01	38.8	40	4.6	
1N 4127	56	250	300	0.01	42.6	40	4.2	
1N 4128	60	250	400	0.01	45.6	40	4.0	
1N 4129	62	250	500	0.01	47.1	40	3.8	
1N 4130	68	250	700	0.01	51.7	40	3.5	
1N 4131	75	250	700	0.01	57.0	40	3.1	
1N 4132	82	250	800	0.01	62.4	40	2.9	
1N 4133	87	250	1000	0.01	66.2	40	2.7	
1N 4134	91	250	1200	0.01	69.2	40	2.6	
1N 4135	100	250	1500	0.01	76.0	40	2.3	

(1) Tolerance on nominal V_{ZT} value : $\pm 5\%$.

(2) Measured @ DC test current with 10% AC superimposed (50 Hz).

P : Preferred voltages.