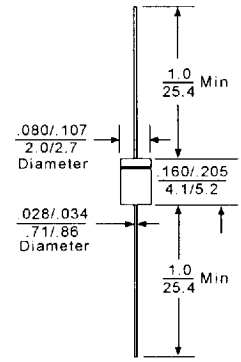
ZENER DIODES, GLASS PACKAGE, GENERAL PURPOSE

1.5 Watts	Nominal Zener Voltage at I_{ZT}	Zener Test Current	Maximum Zener Impedance Z_{ZT} at I_{ZT}	Maximum Knee Impedance		Maximum Reverse Current at T_A=25°C		Maximum Zener Current	Package Quantities	Outline
JEDEC Part Number				I_{ZK}	Z_{ZT} at I_{ZT}					
	V_Z (V)	I_{ZT} (uA)	(Ohms)	(mA)	(Ohms)	V_R (V)	I_R (uA)	I_{ZM} (mA)	Bulk/Reel	Inches/millimeters
1N5913	3.3	113.6	10	1.0	500	1.0	100	454		
1N5914	3.6	104.2	9.0	1.0	500	1.0	75	416		
1N5915	3.9	96.1	7.5	1.0	500	1.0	25	384		
1N5916	4.3	87.	6.0	1.0	500	1.0	5.0	348		
1N5917	4.7	79.8	5.0	1.0	500	1.0	5.0	319		
1N5918	5.1	73.5	4.0	1.0	350	2.0	5.0	294		
1N5919	5.6	66.9	2.0	1.0	250	3.0	5.0	267		
1N5920	6.2	60.5	2.0	1.0	200	4.0	5.0	241		
1N5921	6.8	55.1	2.5	1.0	200	5.2	5.0	220		
1N5922	7.5	50.0	3.0	0.5	400	6.0	5.0	200		
1N5923	8.2	45.7	3.5	0.5	400	6.5	5.0	182		
1N5924	9.1	41.2	4.0	0.5	500	7.0	5.0	164		
1N5925	10	37.5	4.5	0.25	500	8.0	5.0	150		
1N5926	11	34.1	5.5	0.25	550	8.4	1.0	125		
1N5927	12	31.2	6.5	0.25	550	9.1	1.0	125		
1N5928	13	28.8	7.0	0.25	550	9.9	1.0	115		
1N5929	15	25.0	9.0	0.25	600	11.4	1.0	100		
1N5930	16	23.4	10	0.25	600	12.2	1.0	93		
1N5931	18	20.8	12	0.25	650	13.7	1.0	83		
1N5932	20	18.7	14	0.25	650	15.2	1.0	75		
1N5933	22	17.0	17.5	0.25	650	16.7	1.0	68		
1N5934	24	15.6	19	0.25	700	18.2	1.0	62	1000/	
1N5935	27	13.9	23	0.25	700	20.6	1.0	55	5,000	
1N5936	30	12.5	28	0.25	750	22.8	1.0	50		
1N5937	33	11.4	33	0.25	800	25.1	1.0	45		
1N5938	36	10.4	38	0.25	850	27.4	1.0	41		
1N5939	39	9.6	45	0.25	900	29.7	1.0	38		
1N5940	43	8.7	53	0.25	950	32.7	1.0	34		
1N5941	47	8.0	67	0.25	1000	35.8	1.0	31		
1N5942	51	7.3	70	0.25	1100	38.8	1.0	29		
1N5943	56	6.7	86	0.25	1300	42.6	1.0	26		
1N5944	62	6.0	100	0.25	1500	47.1	1.0	24		
1N5945	68	5.5	120	0.25	1700	51.7	1.0	22		
1N5946	75	5.0	140	0.25	2000	56.0	1.0	20		
1N5947	82	4.6	160	0.25	2500	62.0	1.0	18		
1N5948	91	4.1	200	0.25	3000	69.2	1.0	16		
1N5949	100	3.7	250	0.25	3100	76.0	1.0	15		
1N5950	110	3.4	300	0.25	4000	83.6	1.0	13		
1N5951	120	3.1	380	0.25	4500	91.2	1.0	12		
1N5952	130	2.9	45	0.25	5000	98.8	1.0	11		
1N5953	150	2.5	600	0.25	6000	114.0	1.0	10		
1N5954	160	2.3	700	0.25	6500	121.6	1.0	9.0		
1N5955	180	2.1	900	0.25	7000	136.8	1.0	8.0		
1N5956	200	1.9	1200	0.25	8000	142.0	1.0	7.0		



DO-41

FEATURES:

- Zener Voltage:
  3.3 to 200 volts
- Hermetically sealed DO-41.

MAXIMUM RATINGS:

- Junction Temperature:
  -55°C to +200°C
- Storage temperature:
  -55°C to +200°C
- DC Power Dissipation:
  1.5 Watt at T_A=75°C
- Derate above 75°C:
  12.0 mW/°C
- Forward Voltage @ 200 mA:
  1.2 volts max.

Suffix To Part Number Indicates Tolerance of nominal V_Z

No Suffix = ±20%.
Suffix A = ±10%
Suffix B = ±5%
Suffix C = ±2%
Suffix D = ±1%