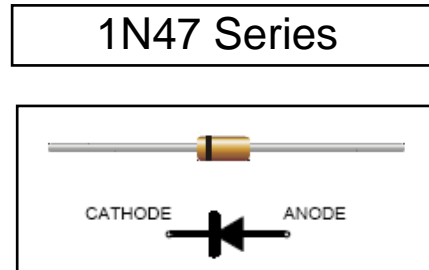


1W 1N47 Series Zener Diodes

- . 1W DO-41
- . Zener voltage regulator diodes
- . Hermetically sealed glass silicon zener diodes
- . Complete voltage range_3.3 to 43volts
- . We declare that the material of product compliance with RoHS requirements.



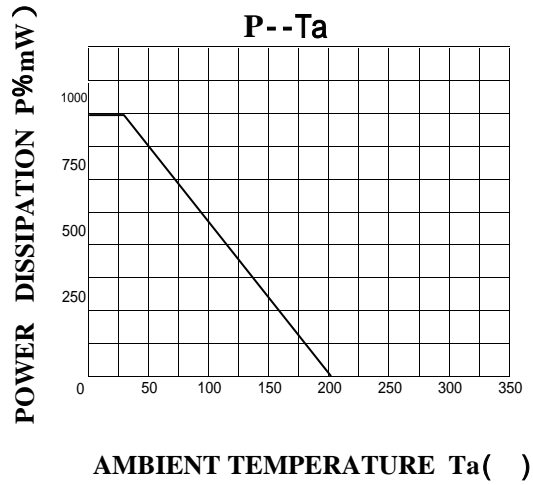
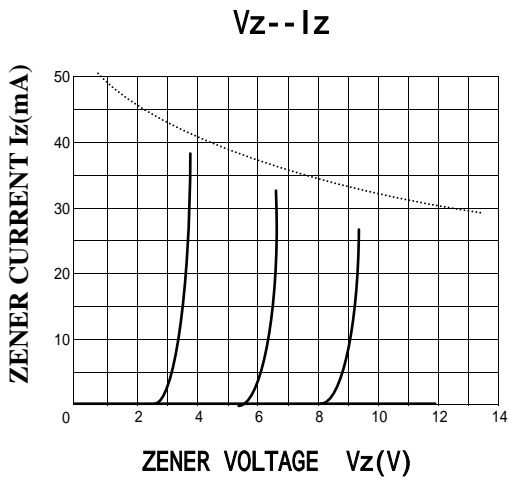
Product Characteristic

TYPE	Nominal Zener Voltage $V_z @ I_{zt}$ Volts	Test Current I_{zt} mA	Max Zener Impedance A and B Suffix only			Max Reverse Leakage Current		Surge Current @ $T_a=25^{\circ}C$ I_r -m A
			$Z_{zt} @ I_{zt}$ Ohms	$Z_{zk} @ I_{zk}$ Ohms	$Z_{zk} @ I_{zk}$ m A	I_R uA Max	V_R Volts B	
1N4728A	3.3	76	10	400		100		1380
1N4729A	3.6	69	10	400		100		1260
1N4730A	3.9	64	9	400	1	50	1	1190
1N4731A	4.3	58	9	400		10		1070
1N4732A	4.7	53	8	500		10		970
1N4733A	5.1	49	7	550	1	10	1	890
1N4734A	5.6	45	5	600	1		2	810
1N4735A	6.2	41	2	700	1		3	730
1N4736A	6.8	37	3.5	700	1	10	4	660
1N4737A	7.5	34	4	700	0.5		5	605
1N4738A	8.2	31	4.5		0.5		6	550
1N4739A	9.1	28	5		0.5		7	500
1N4740A	10	25	7	700		10	7.6	454
1N4741A	11	23	8			5	8.4	414
1N4742A	12	21	9		0.25	5	9.1	380
1N4743A	13	19	10	700		5	9.9	344
1N4744A	15	17	14	700		5	11.4	304
1N4745A	16	15.5	16	700		5	12.2	285
1N4746A	18	14	20	750			13.7	250
1N4747A	20	12.5	22	750			15.2	225
1N4748A	22	11.5	23	750	0.25	5	16.7	205
1N4749A	24	10.5	25	750			18.2	190
1N4750A	27	9.5	35	750			20.6	170
1N4751A	30	8.5	40	1000			22.8	150
1N4752A	33	7.5	45	1000			25.1	135
1N4753A	36	7	50	1000			27.4	125
1N4754A	39	6.5	60	1000	0.25	5	29.7	115
1N4755A	43	6	70	1500			32.7	110

V_z tolerance : $\pm 5\%$

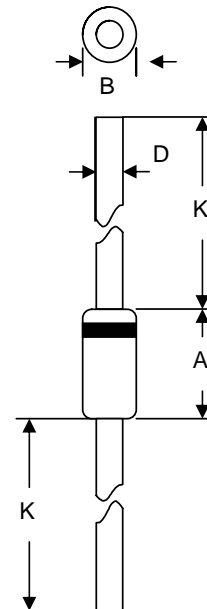
* tested with pulse (40 ms).

Characteristic Curves



Package Dimensions in inches and (millimeters)

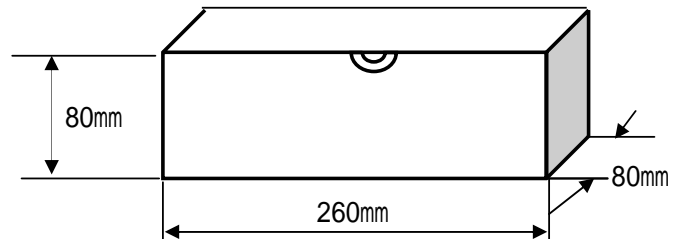
DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	3.9	4.3	0.154	0.169
B	2.3	2.6	0.091	0.102
D	0.75	0.85	0.030	0.033
K	28.17	32.17	1.109	1.267



Packing

Taping / Box(T52)

Tape Inner Box: 2500pcs/each



Bulk

Tape Inner Box: 5000pcs/each

