

Voltage Regulator Diodes

Diodi Regolatori di Tensione

Z-Dioden

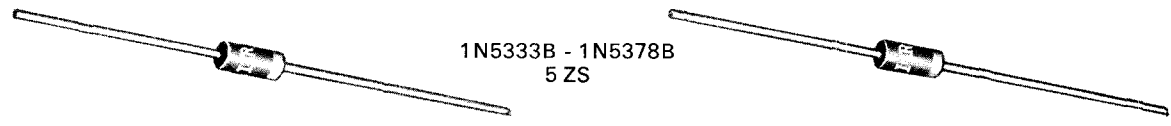
Diodes Zener

P_{tot} = 5W
T_i = 75°C
Bulletin 2221

Type		V _Z @I _{ZT}			I _{ZT} mA	I _Z @I _{ZT} Ω	I _Z (max) mA	I _Z @ I _Z Ω	I _R @25°C μA	V _R V	I _{RSM} A	Outline
(1)	(2)	Min V	Nom V	Max V								
†1N5333 B	‡5ZS3-3 B	3-13	3-3	3-47	380	3	1440	400*	300*	1*	20*	
1N5334 B	5ZS3-6 B	3-42	3-6	3-78	350	2-5	1320	500*	150*	1*	18-7*	
1N5335 B	5ZS3-9 B	3-70	3-9	4-1	320	2	1220	500*	50*	1*	17-6*	
1N5336 B	5ZS4-3 B	4-08	4-3	4-52	290	2	1100	500*	10*	1*	16-4*	
1N5337 B	5ZS4-7 B	4-46	4-7	4-94	260	2	1010	450*	5*	1*	15-3*	
1N5338 B	5ZS5-1 B	4-84	5-1	5-35	240	1-5	930	400*	1*	1*	14-4*	
1N5339 B	5ZS5-6 B	5-32	5-6	5-88	220	1	865	400*	1*	2*	13-4*	
1N5340 B	5ZS6-0 B	5-71	6	6-3	200	1	790	300*	1*	3*	12-7*	
1N5341 B	5ZS6-2 B	5-89	6-2	6-51	200	1	765	200*	1*	3*	12-4*	
1N5342 B	5ZS6-8 B	6-46	6-8	7-14	175	1	700	200*	10*	4-9*	11-5*	
1N5343 B	5ZS7-5 B	7-13	7-5	7-88	175	1-5	630	200*	10*	5-4*	10-7*	
1N5344 B	5ZS8-2 B	7-8	8-2	8-6	150	1-5	580	200*	10*	5-9*	10*	
1N5345 B	5ZS8-7 B	8-28	8-7	9-14	150	2	545	200*	10*	6-25*	9-5*	
1N5346 B	5ZS9-1 B	8-65	9-1	9-55	150	2	520	150*	7-5*	6-6*	9-2*	
1N5347 B	5ZS10 B	9-5	10	10-5	125	2	475	125*	5*	7-2*	8-6*	
1N5348 B	5ZS11 B	10-4	11	11-55	125	2-5	430	125*	5*	8*	8*	
1N5349 B	5ZS12 B	11-4	12	12-6	100	2-5	395	125*	2*	8-6*	7-5*	
1N5350 B	5ZS13 B	12-3	13	13-7	100	2-5	365	100*	1*	9-4*	7*	
1N5351 B	5ZS14 B	13-3	14	14-7	100	2-5	340	75*	1*	10-1*	6-7*	
1N5352 B	5ZS15 B	14-2	15	15-8	75	2-5	315	75*	1*	10-8*	6-3*	
1N5353 B	5ZS16 B	15-2	16	16-8	75	2-5	295	75*	1*	11-5*	6*	
1N5354 B	5ZS17 B	16-2	17	17-9	70	2-5	280	75*	0-5*	12-2*	5-8*	
1N5355 B	5ZS18 B	17-1	18	18-9	65	2-5	264	75*	0-5*	13*	5-5*	
1N5356 B	5ZS19 B	18-1	19	19-9	65	3	250	75*	0-5*	13-7*	5-3*	
1N5357 B	5ZS20 B	19-0	20	21-0	65	3	237	75*	0-5*	14-4*	5-1*	
1N5358 B	5ZS22 B	20-9	22	23-1	50	3-5	216	75*	0-5*	15-8*	4-7*	
1N5359 B	5ZS24 B	22-8	24	25-2	50	3-5	198	100*	0-5*	17-3*	4-4*	
1N5360 B	5ZS25 B	23-8	25	26-3	50	4	190	110*	0-5*	18*	4-3*	
1N5361 B	5ZS27 B	25-6	27	28-3	50	5	176	120*	0-5*	19-4*	4-1*	
1N5362 B	5ZS28 B	26-6	28	29-4	50	6	170	130*	0-5*	20-1*	3-9*	
1N5363 B	5ZS30 B	28-5	30	31-5	40	8	158	140*	0-5*	21-6*	3-7*	
1N5364 B	5ZS33 B	31-3	33	34-7	40	10	144	150*	0-5*	23-8*	3-5*	
1N5365 B	5ZS36 B	34-2	36	37-8	30	11	132	160*	0-5*	25-9*	3-3*	
1N5366 B	5ZS39 B	37-0	39	41-0	30	14	122	170*	0-5*	28-1*	3-1*	
1N5367 B	5ZS43 B	40-1	43	45-2	30	20	110	190*	0-5*	31*	2-8*	
1N5368 B	5ZS47 B	44-6	47	49-4	25	25	100	210*	0-5*	33-8*	2-7*	
1N5369 B	5ZS51 B	48-5	51	53-5	25	27	93	230*	0-5*	36-7*	2-5*	
1N5370 B	5ZS56 B	53-2	56	58-8	20	35	86	280*	0-5*	40-3*	2-3*	
1N5371 B	5ZS60 B	57-1	60	63-0	20	40	79	350*	0-5*	43*	2-2*	
1N5372 B	5ZS62 B	58-8	62	65-2	20	42	76	400*	0-5*	44-6*	2-1*	
1N5373 B	5ZS68 B	64-5	68	71-4	20	44	70	500*	0-5*	49*	2*	
1N5374 B	5ZS75 B	71-3	75	78-7	20	45	63	620*	0-5*	54*	1-9*	
1N5375 B	5ZS82 B	78-9	82	86-0	15	65	58	720*	0-5*	59*	1-8*	
1N5376 B	5ZS87 B	82-8	87	91-3	15	75	54-5	760*	0-5*	63*	1-7*	
1N5377 B	5ZS91 B	86-5	91	95-5	15	75	52-5	760*	0-5*	65-5*	1-6*	
1N5378 B	5ZS100 B	95-0	100	105-0	12	90	47-5	800*	0-5*	72*	1-5*	

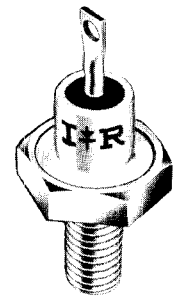
*Applies only to types listed in column (1) [5]

†The types listed are 5% tolerance. To specify 10% change suffix to 'A' [4]



P_{tot} = 10W
T_{case} = 110°C
Bulletin 2208

Type	V _Z @I _{ZT}		I _Z @ 100°C		I _Z @ I _{ZT} Ω	I _{ZT} mA	I _Z (max) mA	I _R @ 2V μA	V _Z @ 80% mA	Outline
	5%*	10%	5%*	10%						
†10Z3-3	3-1	3-5	3	3-7	—	600	3000	—	—	
10Z3-6	3-4	3-8	3-2	4	—	500	2700	—	—	
10Z3-9	3-7	4-1	3-5	4-3	—	500	2500	—	—	
10Z4-3	4	4-6	3-8	4-8	—	500	2300	—	—	
10Z4-7	4-4	5	4-2	5-1	—	400	2100	—	—	
10Z5-1	4-8	5-4	4-6	5-6	—	400	1900	—	—	
10Z5-6	5-2	6	5	6-2	—	350	1750	50	5	
10Z6-2	5-8	6-6	5-5	6-9	—	350	1600	10	5	
10Z6-8	6-4	7-2	6-1	7-5	—	300	1500	0-5	1	
10Z7-5	7	7-9	6-7	8-3	—	300	1300	0-1	0-1	
10Z8-2	7-7	8-7	7-4	9-1	—	250	1200	0-8	0-1	
10Z9-1	8-5	9-6	8-2	10	—	250	1100	0-1	0-1	
10Z10	9-4	10-6	9	11	—	200	1000	0-1	0-1	
10Z11	10-4	11-6	9-9	12-1	—	200	900	0-1	0-1	
10Z12	11-4	12-7	10-9	13-2	—	170	830	0-1	0-1	
10Z13	12-4	14-1	11-7	14-3	—	170	750	0-1	0-1	
10Z15	13-8	15-6	13	16-5	—	140	650	0-1	0-1	
10Z16	15-3	17-1	14-4	17-6	—	140	620	0-1	0-1	
10Z18	16-8	19-1	16-2	20	—	110	550	0-1	0-1	
10Z20	18-8	21-2	18	22	—	110	500	0-1	0-1	
10Z22	20-8	23-3	19-8	24-3	—	90	450	0-1	0-1	
10Z24	22-7	25-9	21-6	26-4	—	90	410	0-1	0-1	
10Z27	25-1	28-9	24-1	30	—	70	370	0-1	0-1	
10Z30	28	32	27	33	—	70	330	0-1	0-1	
10Z33	31	35	29-7	36-3	—	65	300	0-1	0-1	



†Available with case cathode only [8]

‡To specify 10% tolerance add T10 to type number. To specify 5% tolerance add T5 to type number [6]

Available to Jedec specification 1N1599-1N1609. BS9300 C235-C256 [7] *Conforms to BS9300