

Zenerjeve diode 500 mW
Zener diodes 500 mW

$P_{tot} = 500 \text{ mW}$
 $\vartheta_j = 175^\circ \text{C}$

Toleranca $\pm 5\%$
Tolerance

Tip/Type	U_z pri/at $I_z = 5 \text{ mA}$		I_z maks./max. pri/at $\vartheta_{amb} = 45^\circ \text{C}$	α_{Uz}	r_z pri/at I_z	U_{Rmin} pri/at 100 nA	Sl./ Fig.
	min.	maks./max.					
BZX 1 ¹	0.7	0.8	280	-26...-23	6.5 (< 8)	-	29
BZX 2.7	2.5	2.9	135	-9...-4	75 (< 83)	-	
BZX 3	2.8	3.2	117	-9...-3	80 (< 90)	-	
BZX 3.3	3.1	3.5	109	-8...-3	80 (< 90)	-	
BZX 3.6	3.4	3.8	101	-8...-3	80 (< 90)	-	
BZX 3.9	3.7	4.1	92	-7...-3	80 (< 90)	-	
BZX 4.3	4.0	4.6	85	-6...+1	80 (< 90)	-	
BZX 4.7	4.4	5.0	76	-5...+2	70 (< 78)	-	
BZX 5.1	4.8	5.4	67	-3...+4	30 (< 60)	0.8	
BZX 5.6	5.2	6.0	59	-2...+6	10 (< 40)	1	
BZX 6.2	5.8	6.6	54	-1...+7	4.8 (< 10)	2	
BZX 6.8	6.4	7.2	49	+2...+7	4.5 (< 8)	3	
BZX 7.5	7.0	7.9	44	+3...+7	4.0 (< 7)	5	
BZX 8.2	7.7	8.7	40	+4...+7	4.5 (< 7)	6	
BZX 9.1	8.5	9.6	36	+5...+8	4.8 (< 10)	7	
BZX 10	9.4	10.6	33	+5...+8	5.2 (< 15)	7.5	
BZX 11	10.4	11.6	30	+5...+9	6.0 (< 20)	8.5	
BZX 12	11.4	12.7	28	+6...+9	7.0 (< 20)	9	
BZX 13	12.4	14.1	25	+7...+9	9.0 (< 25)	10	
BZX 15	13.8	15.6	23	+7...+9	11 (< 30)	11	
BZX 16	15.3	17.1	20	+8...+9.5	13 (< 40)	12	
BZX 18	16.8	19.1	18	+8...+10	18 (< 50)	14	
BZX 20	18.8	21.2	17	+8...+10	20 (< 50)	15	
BZX 22	20.8	23.3	16	+8...+10	25 (< 55)	17	
BZX 24	22.8	25.6	13	+8...+10	28 (< 80)	18	
BZX 27	25.1	28.9	12	+8...+10	30 (< 80)	20	
BZX 30	28.0	32.0	10	+8...+10	35 (< 80)	22.5	
BZX 33	31.0	35.0	9	+8...+10	40 (< 80)	25	

¹ Prepusna napetost

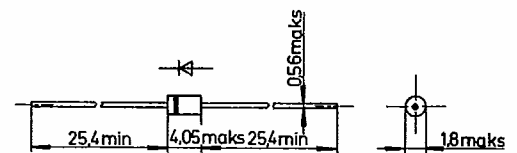
¹ Forward voltage

Zenerjeve diode 1,2 W
Zener diodes 1.2 W

$P_{tot} = 1,2 \text{ W}$
 $\vartheta_{op} = -55^\circ \text{ do } +125^\circ \text{ C}$

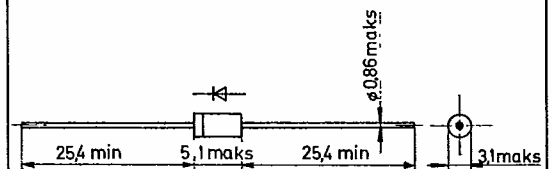
Toleranca $\pm 5\%$
Tolerance

Tip/Type	U_z pri/at I_z		I_z	I_z maks./ /max. pri/at $\vartheta_{amb} = 45^\circ \text{C}$	r_z maks./ /max. pri/at I_z	U_R min. pri/at $I_R = 10 \mu\text{A}$	Sl./ Fig.
	min.	maks./ /max.					
BZY 5.1	4.80	5.40	100	215	5	-	30
BZY 5.6	5.20	6.00	100	190	2	1	
BZY 6.2	5.80	6.60	100	180	2	1	
BZY 6.8	6.40	7.20	100	155	2	2	
BZY 7.5	7.00	7.90	100	140	2	2	
BZY 8.2	7.70	8.70	100	127	2	2.5	
BZY 9.1	8.50	9.60	50	115	4	2.5	
BZY 10	9.40	10.6	50	105	4	3	
BZY 11	10.4	11.7	50	95	7	3	
BZY 12	11.4	12.6	50	85	7	5	
BZY 13	12.4	14.1	50	78	9	5	
BZY 15	13.8	15.8	50	70	9	7	
BZY 16	15.3	17.1	25	63	10	7	
BZY 18	16.8	19.1	25	57	11	9	



Sl./Fig. 29

DO-35



Sl./Fig. 30

DO-41 glass

- BZY 5,1 rdeča/red, črna/black, črna/black
- BZY 5,6 rdeča/red, srebrna/silver, srebrna/silver
- BZY 6,2 rdeča/red, srebrna/silver, modra/blue
- BZY 6,8 rdeča/red, zelena/green, zelena/green
- BZY 7,5 rdeča/red, modra/blue, modra/blue
- BZY 8,2 rdeča/red, črna/black, srebrna/silver
- BZY 9,1 rdeča/red, zelena/green, črna/black
- BZY 10 rdeča/red, rdeča/red, zelena/green
- BZY 11 rdeča/red, zelena/green, modra/blue
- BZY 12 rdeča/red, modra/blue, zelena/green
- BZY 13 rdeča/red, srebrna/silver, zelena/green
- BZY 15 rdeča/red, rdeča/red, modra/blue
- BZY 16 rdeča/red, modra/blue, črna/black
- BZY 18 rdeča/red, črna/black, zelena/green

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