

Quick Guide To Zener Diodes

Sanyo has a wide variety of zener diodes with 200mw-1w of allowable power dissipation.moreover,CP package for surface mounting is provided.

Type No Type of packing	D Z D Series Taping type	G Z E Series Both taping type and non-taping	G Z S Series Both taping type and non-taping	G Z A Series Both taping type and non-taping	G Z B Series Non-taping	D Z B Series Non-taping	D Z F series Taping type
allowable power dissipation	2 0 0 mw	4 0 0 mw	4 0 0 mw	5 0 0 mw	1 w	1 w	1 w
Package No. Zener voltage(V)	Outline No:A	Outline No:B-1	Outline No:B-1	Outline No:B-2	Outline No:B-3	Outline No:C	Outline No:B-4
2.0	D Z D 2.0	G Z E 2.0	G Z S 2.0	G Z A 2.0	G Z B 2.0		
2.2	D Z D 2.2	G Z E 2.2	G Z S 2.2	G Z A 2.2	G Z B 2.2		
2.4	D Z D 2.4	G Z E 2.4	G Z S 2.4	G Z A 2.4	G Z B 2.4		
2.7	D Z D 2.7	G Z E 2.7	G Z S 2.7	G Z A 2.7	G Z B 2.7		
3.0	D Z D 3.0	G Z E 3.0	G Z S 3.0	G Z A 3.0	G Z B 3.0		
3.3	D Z D 3.3	G Z E 3.3	G Z S 3.3	G Z A 3.3	G Z B 3.3		
3.6	D Z D 3.6	G Z E 3.6	G Z S 3.6	G Z A 3.6	G Z B 3.6		
3.9	D Z D 3.9	G Z E 3.9	G Z S 3.9	G Z A 3.9	G Z B 3.9		
4.3	D Z D 4.3	G Z E 4.3	G Z S 4.3	G Z A 4.3	G Z B 4.3		
4.7	D Z D 4.7	G Z E 4.7	G Z S 4.7	G Z A 4.7	G Z B 4.7		
5.1	D Z D 5.1	G Z E 5.1	G Z S 5.1	G Z A 5.1	G Z B 5.1		
5.6	D Z D 5.6	G Z E 5.6	G Z S 5.6	G Z A 5.6	G Z B 5.6		
6.2	D Z D 6.2	G Z E 6.2	G Z S 6.2	G Z A 6.2	G Z B 6.2	D Z B 6.2	
6.8	D Z D 6.8	G Z E 6.8	G Z S 6.8	G Z A 6.8	G Z B 6.8	D Z B 6.8	D Z F 6.8
7.5	D Z D 7.5	G Z E 7.5	G Z S 7.5	G Z A 7.5	G Z B 7.5	D Z B 7.5	D Z F 7.5
8.2	D Z D 8.2	G Z E 8.2	G Z S 8.2	G Z A 8.2	G Z B 8.2	D Z B 8.2	D Z F 8.2
9.1	D Z D 9.1	G Z E 9.1	G Z S 9.1	G Z A 9.1	G Z B 9.1	D Z B 9.1	D Z F 9.1
10	D Z D 10	G Z E 10	G Z S 10	G Z A 10	G Z B 10	D Z B 10	D Z F 10
11	D Z D 11	G Z E 11	G Z S 11	G Z A 11	G Z B 11	D Z B 11	D Z F 11
12	D Z D 12	G Z E 12	G Z S 12	G Z A 12	G Z B 12	D Z B 12	D Z F 12
13	D Z D 13	G Z E 13	G Z S 13	G Z A 13	G Z B 13	D Z B 13	D Z F 13
15	D Z D 15	G Z E 15	G Z S 15	G Z A 15	G Z B 15	D Z B 15	D Z F 15
16	D Z D 16	G Z E 16	G Z S 16	G Z A 16	G Z B 16	D Z B 16	D Z F 16
18	D Z D 18	G Z E 18	G Z S 18	G Z A 18	G Z B 18	D Z B 18	D Z F 18
20	D Z D 20	G Z E 20	G Z S 20	G Z A 20	G Z B 20	D Z B 20	D Z F 20
22	D Z D 22	G Z E 22	G Z S 22	G Z A 22	G Z B 22	D Z B 22	D Z F 22
24	D Z D 24	G Z E 24	G Z S 24	G Z A 24	G Z B 24	D Z B 24	D Z F 24
27	D Z D 27	G Z E 27	G Z S 27	G Z A 27	G Z B 27	D Z B 27	D Z F 27
30	D Z D 30	G Z E 30	G Z S 30	G Z A 30	G Z B 30	D Z B 30	D Z F 30
33	D Z D 33	G Z E 33	G Z S 33	G Z A 33	G Z B 33		D Z F 33
36	D Z D 36	G Z E 36	G Z S 36	G Z A 36	G Z B 36		D Z F 36
39	D Z D 39	G Z E 39	G Z S 39	G Z A 39			
43	D Z D 43			G Z A 43			
47	D Z D 47			G Z A 47			
51				G Z A 51			

*Note. Zener diodes are classified narrowly by zener voltage. Classifying width of a GZE series and that of a GZS series are different. See semiconductor news for the details.

different. See semiconductors
 ✻ **Outlines**

(unit:mm)

A SANYO:CP

B (Glass)

	a	ϕb	ϕc
B-1	3.0	0.4	2.0
B-2	4.0	0.5	2.0
B-3	5.2	0.8	2.7
B-4	3.0	8.6	2.5

C (Resin)

These specifications are subject to change without notice.