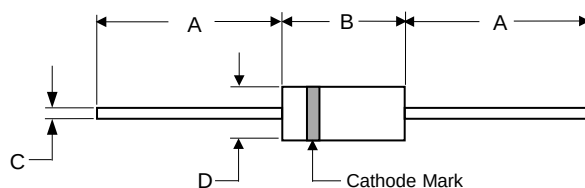


Features



RoHS
COMPLIANT



DO-35				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	1.083	---	27.50	---
B	---	0.154	---	3.90
C	---	0.020	---	0.50
D	---	0.075	---	1.90

Maximum Ratings (T_A=25°C unless otherwise noted)

Parameter	Symbol	Value	Unit
Continuous Forward Current	I _F	250	mA
Power Dissipation	P _{tot}	500 ¹⁾	mW
Junction Temperature	T _j	175	°C
Storage Temperature Range	T _{stg}	- 55 to + 175	°C

Note:

1) Valid provided that leads are kept at ambient temperature at a distance of 8 mm from case.

Characteristics (T_A=25°C unless otherwise noted)

Parameter	Symbol	Max.	Unit
Thermal Resistance Junction to Ambient Air	R _{thA}	0.3 ¹⁾	K/mW
Forward Voltage at I _F = 100 mA	V _F	1.5	V

Note:

1) Valid provided that leads are kept at ambient temperature at a distance of 8 mm from case.

Electrical Characteristics (T_A=25°C unless otherwise noted)

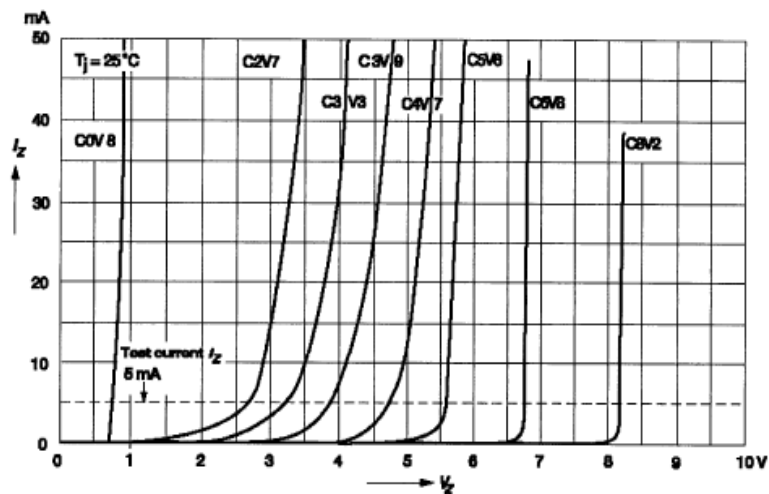
Type	Zener Voltage Range ¹⁾			Dynamic Resistance		Reverse Leakage Current	
	V _{ZT}		at I _{ZT}	Z _{ZT}	at I _{ZT}	I _R	at V _R
	Min. (V)	Max. (V)	(mA)	Max. (Ω)	(mA)	Max. (μA)	(V)
BZX79C2V4	2.2	2.6	5	100	5	100	1
BZX79C2V7	2.5	2.9	5	100	5	75	1
BZX79C3V0	2.8	3.2	5	95	5	50	1
BZX79C3V3	3.1	3.5	5	95	5	25	1
BZX79C3V6	3.4	3.8	5	90	5	15	1
BZX79C3V9	3.7	4.1	5	90	5	10	1
BZX79C4V3	4	4.6	5	90	5	5	1
BZX79C4V7	4.4	5	5	80	5	3	2
BZX79C5V1	4.8	5.4	5	60	5	2	2
BZX79C5V6	5.2	6	5	40	5	1	2
BZX79C6V2	5.8	6.6	5	10	5	3	4
BZX79C6V8	6.4	7.2	5	15	5	2	4
BZX79C7V5	7	7.9	5	15	5	1	5
BZX79C8V2	7.7	8.7	5	15	5	0.7	5
BZX79C9V1	8.5	9.6	5	15	5	0.5	6
BZX79C10	9.4	10.6	5	20	5	0.2	7
BZX79C11	10.4	11.6	5	20	5	0.1	8
BZX79C12	11.4	12.7	5	25	5	0.1	8
BZX79C13	12.4	14.1	5	30	5	0.1	8
BZX79C15	13.8	15.6	5	30	5	0.05	10.5
BZX79C16	15.3	17.1	5	40	5	0.05	11.2
BZX79C18	16.8	19.1	5	45	5	0.05	12.6
BZX79C20	18.8	21.2	5	55	5	0.05	14
BZX79C22	20.8	23.3	5	55	5	0.05	15.4
BZX79C24	22.8	25.6	5	70	5	0.05	16.8
BZX79C27	25.1	28.9	2	80	2	0.05	18.9
BZX79C30	28	32	2	80	2	0.05	21
BZX79C33	31	35	2	80	2	0.05	23.1
BZX79C36	34	38	2	90	2	0.05	25.2
BZX79C39	37	41	2	130	2	0.05	27.3
BZX79C43	40	46	2	150	2	0.05	30.1
BZX79C47	44	50	2	170	2	0.05	32.9
BZX79C51	48	54	2	180	2	0.05	35.7
BZX79C56	52	60	2	200	2	0.05	39.2
BZX79C62	58	66	2	215	2	0.05	43.4
BZX79C68	64	72	2	240	2	0.05	47.6
BZX79C75	70	79	2	255	2	0.05	52.5

Note:

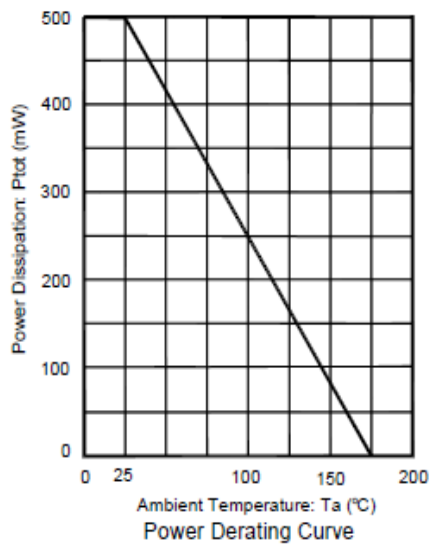
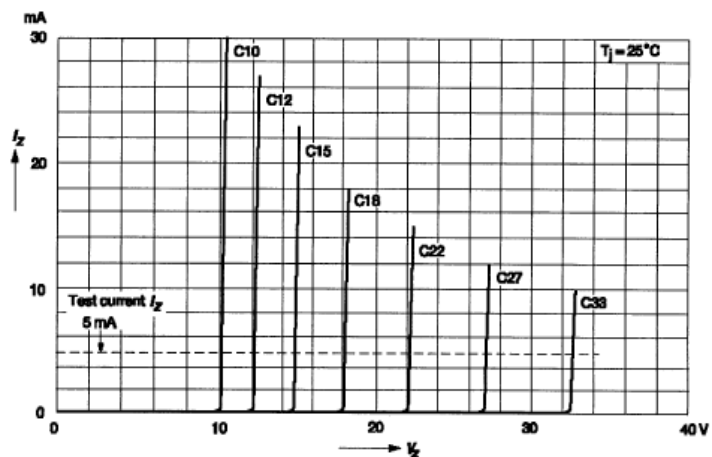
1) Tested with pulses t_p = 20 ms.

Ratings and Characteristic Curves

Breakdown characteristics
at $T_j = \text{constant}$ (pulsed)



Breakdown characteristics
at $T_j = \text{constant}$ (pulsed)





BZX79C Series

Silicon Planar Zener Diodes

Ordering Information

Part No.	Package	Packing Code	Packing
BZX79C Series	DO-35	A50	5000pcs/Ammo

Disclaimer

Specifications of the products displayed herein are subject to change without notice. JGD or anyone on its behalf, assumes no responsibility or liability for any errors or inaccuracies.

Information contained herein is intended to provide a product description only. No license, express or implied, to any intellectual property rights is granted by this document. Except as provided in JGD's terms and conditions of sale for such products, JGD assumes no liability whatsoever, and disclaims any express or implied warranty, relating to sale and/or use of JGD products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright, or other intellectual property right.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications. Customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify JGD for any damages resulting from such improper use or sale.