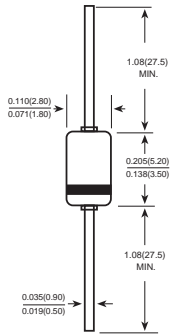


# 1N4728A THRU 1N4764A

Zener Voltage: 3.3-100V Peak Pulse Power: 1000mW

## DO-41(GLASS)



## FEATURE

- ◆ Low Reverse Leakage
- ◆ Low Zener Impedance
- ◆ Power Dissipation of 1000mW
- ◆ High Stability and High Reliability

## MECHANICAL DATA

Case: DO-41 Glass Case

Polarity: Color band denotes cathode end

Mounting Position: Any

## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

**Maximum Ratings & Thermal Characteristics** (Ratings at 25°C ambient temperature unless otherwise specified.)

Parameters	Symbol	Value	Unit
Power Dissipation	Pd	1000 <sup>1)</sup>	mW
Operating junction temperature	Tj	200	°C
Storage temperature range	Ts	-55+200	°C

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

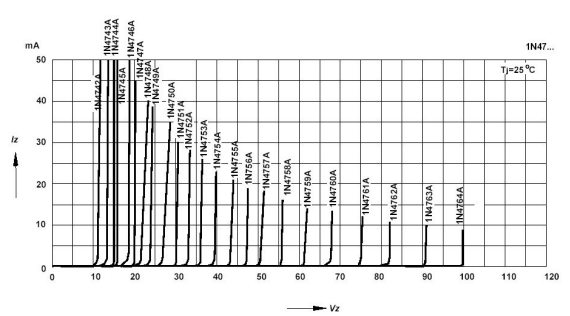
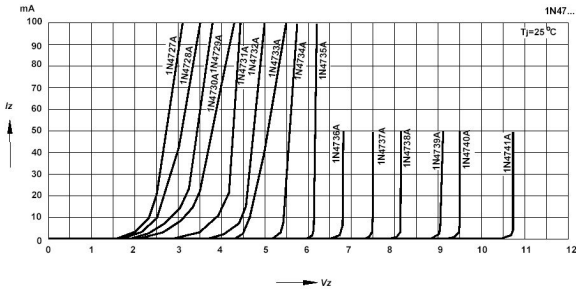
**Electrical Characteristics** (Ratings at 25°C ambient temperature unless otherwise specified.)

TYPE	Zener Voltage				Reverse Current			Dynamic Resistance	
	Vz(V)			Test Condition	Ir(uA)	Test Condition	rd(Ω)	Test Condition	
	Nom.	Min	Max	Iz(mA)	Max.	Vr(V)	Max.	Iz(mA)	
1N4728A	3.3	3.23	3.36	76.0	100	1.0	10	76.0	
1N4729A	3.6	3.53	3.67	69.0	100	1.0	10	69.0	
1N4730A	3.9	3.82	3.98	64.0	50	1.0	9	64.0	
1N4731A	4.3	4.21	4.39	58.0	10	1.0	9	58.0	
1N4732A	4.7	4.61	4.79	53.0	10	1.0	8	53.0	
1N4733A	5.1	5.00	5.20	49.0	10	1.0	7	49.0	
1N4734A	5.6	5.49	5.71	45.0	10	2.0	5	45.0	
1N4735A	6.2	6.08	6.32	41.0	10	3.0	2	41.0	
1N4736A	6.8	6.66	6.94	37.0	10	4.0	3.5	37.0	
1N4737A	7.5	7.35	7.65	34.0	10	5.0	4	34.0	
1N4738A	8.2	8.04	8.36	31.0	10	6.0	4.5	31.0	
1N4739A	9.1	8.92	9.28	28.0	10	7.0	5	28.0	
1N4740A	10	9.80	10.20	25.0	10	7.6	7	25.0	
1N4741A	11	10.78	11.22	23.0	5	8.4	8	23.0	
1N4742A	12	11.76	12.24	21.0	5	9.1	9	21.0	
1N4743A	13	12.74	13.26	19.0	5	9.9	10	19.0	
1N4744A	15	14.70	15.30	17.0	5	11.4	14	17.0	

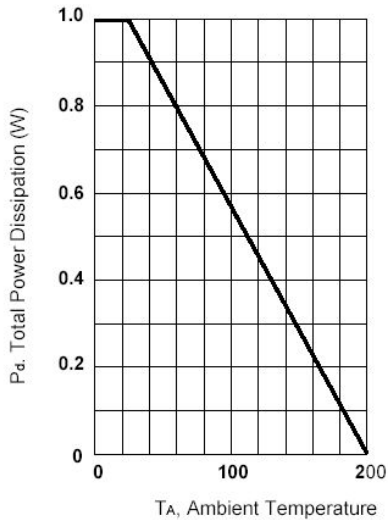


# RATINGS AND CHARACTERISTIC CURVES 1N4728A THRU 1N4764A

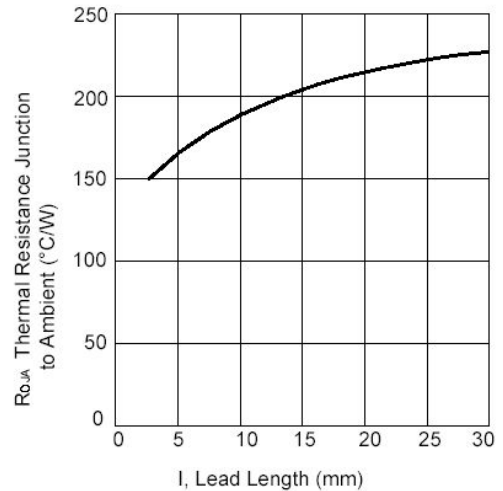
## Breakdown characteristics $T_J = \text{constant}$ (pulsed)



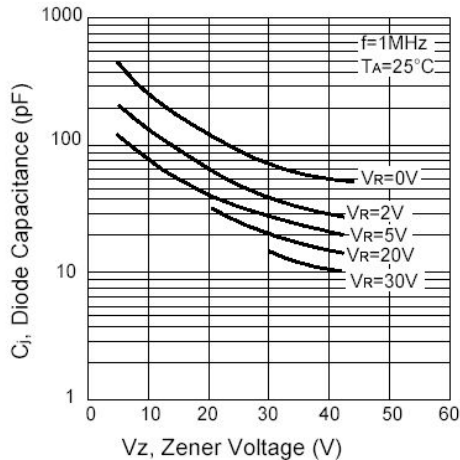
## Power Dissipation vs Ambient Temperature



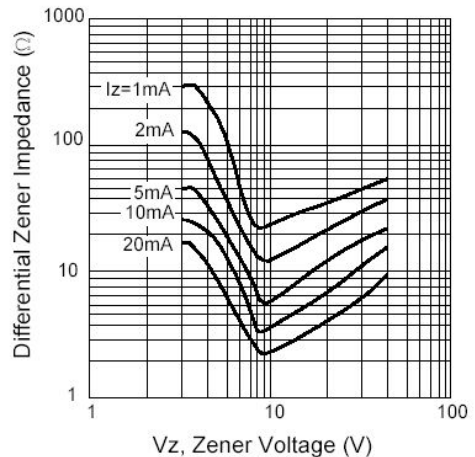
## Typical Thermal Resistance vs. Lead Length



## Junction Capacitance vs Zener Voltage



## Typical Zener Impedance vs. Zener Voltage



单击下面可查看定价，库存，交付和生命周期等信息

[>>STAR\\_SEA\(星海\)](#)