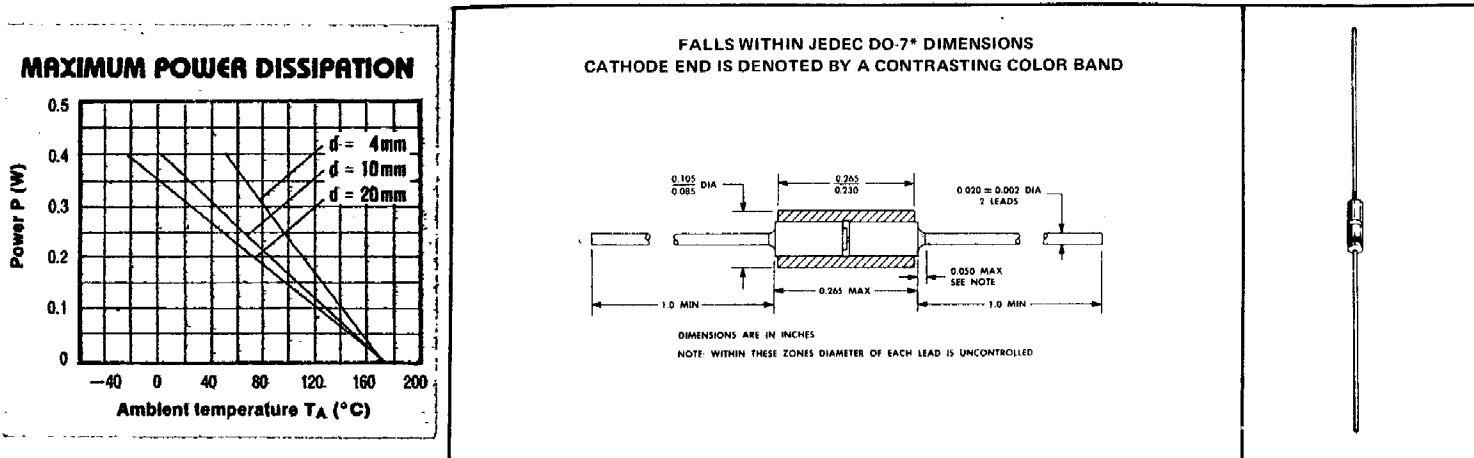


400mW Zener Diodes 1N761 thru 1N769

GENERAL DESCRIPTION

400mW ZENER DIODE series 1N761 THRU 1N769 are especially designed for stabilized power supply, clipper, limiter, and surge absorber applications.

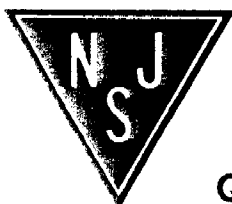


ABSOLUTE MAXIMUM RATINGS (T₀ = 25°C)

ITEM	SYMBOL	RATINGS	UNIT
Power dissipation	P	400	mW
Storage temperature	T _{stg}	-65 to +150	°C
Lead temperature	T _L	230	°C
Continuous reverse current	I _{ZM}	See electrical characteristics	

ELECTRICAL CHARACTERISTICS (T₀ = 25°C)

TYPE	V _Z ZENER VOLTAGE			Z _Z ZENER IMPEDANCE	I _{ZM} CONTINUOUS REV. CURRENT		I _{ZT} TEST CURRENT
	I _R = I _{ZT}				I _R = I _{ZT} I _I = 10% I _{ZT} f = 60Hz	T _A = 25°C	
Test Cond.	Min.	Nom.	Max.	Max.			
Limits	Min.	Nom.	Max.	Max.			
Unit	V			ohms	μA		mA
1N761	4.3	4.85	5.4	40	50	10	10
1N762	5.2	5.80	6.4	18	40	8	10
1N763	6.2	7.10	8.0	7	30	6	10
1N764	7.5	8.75	10.0	12	25	5	10
1N765	9.0	10.50	12.0	45	20	4	5
1N766	11.0	12.75	14.5	55	17	3.5	5
1N767	13.5	15.75	18.0	70	14	3	5
1N768	17.0	19.00	21.0	100	12	2.5	5
1N769	20.0	23.50	27.0	150	10	2	5



NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However, NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.

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