

Micronetics ®
 Dieselstraße 12 · 71272 Renningen
 Postfach 1246 · 71265 Renningen
 Telefon 07159 - 92583-0*
 Telefax 07159 - 9258355
 micromail @ micronetics.de

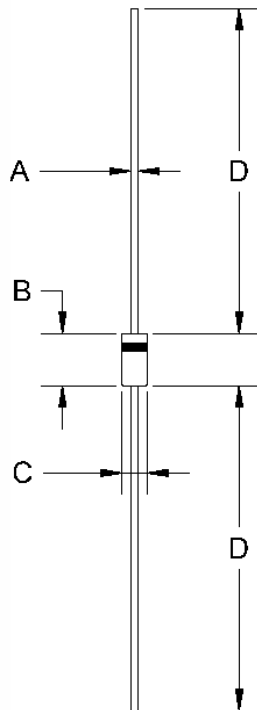
Temperatur - kompensierte

Zener – Diode

JEDEC DO – 35 CASE

1N821A Thru 1N829A

The 1N821A Series types are temperature compensated Zener Diodes designed for applications where long-term stability is required.



SYMBOL	INCHES		MILLIMETERS	
	Min.	Max.	Min.	Max.
A	0.018	0.022	0.46	0.56
B	0.120	0.200	3.05	5.08
C	0.060	0.090	1.52	2.29
D	1.000	-	25.40	-

Central™
Semiconductor Corp.

Electrical Characteristics (T_A = 25° C) * The max. allowable observed over the temp.range of -55° C to + 100° C
 ** Typical value Tolerance +/- 5 %

TYPE No.	Zener Voltage V _Z @ I _{ZT} Volts	Zener Test Current I _{ZT} mA	Max. Zener Impedance Z _{ZT} @ I _{ZT} Ω	Voltage Temperature Stability * Δ V _Z MAX mV	Temperature Coefficient ** %/ ° C	Maximum Ratings (T _A =50° C)	
						Power Dissipation P _D mW	Operating + Storage Junction Temp. T _J , T _{stg}
1N821A	6.20	7.5	10	96	0.01	500	- 65 to + 175 ° C
1N823A	6.20	7.5	10	48	0.005	500	- 65 to + 175 ° C
1N825A	6.20	7.5	10	19	0.002	500	- 65 to + 175 ° C
1N827A	6.20	7.5	10	9.0	0.001	500	- 65 to + 175 ° C
1N829	6.20	7.5	15	5.0	0.0005	500	- 65 to + 175 ° C
1N829A	6.20	7.5	10	5.0	0.0005	500	- 65 to + 175 ° C

☞ **Muster können sofort angefordert werden !**