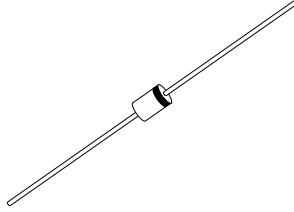


Temperature Compensated Zener Diode

POWER	500 mW				
CASE					
	DO-35 CASE				
TYPE NUMBER	ZENER VOLTAGE	ZENER TEST CURRENT	MAXIMUM ZENER IMPEDANCE	VOLTAGE TEMPERATURE STABILITY*	TEMPERATURE COEFFICIENT**
	$V_Z @ I_{ZT}$	I_{ZT}	$Z_{ZT} @ I_{ZT}$	$\Delta V_Z \text{ MAX}$	
	VOLTS	mA	Ω	mV	%/°C
1N821A	6.2	7.5	10	96	0.01
1N823A	6.2	7.5	10	48	0.005
1N825A	6.2	7.5	10	19	0.002
1N827A	6.2	7.5	10	9.0	0.001
1N829A	6.2	7.5	10	5.0	0.0005

* The maximum Allowable change observed over the entire temperature range (-55 to +100°C)

** Typical Value