

N5930
SILICON ZENER DIODE

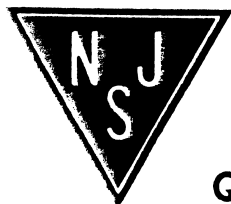
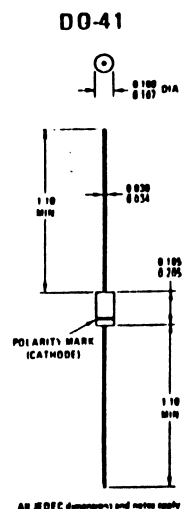
MAXIMUM RATINGS

Junction and Storage: -55°C to $+200^{\circ}\text{C}$
DC Power Dissipation: 1.5 Watt
12 mW/ $^{\circ}\text{C}$ above 75°C
Forward Voltage @ 200 mA: 1.2 Volts

ELECTRICAL CHARACTERISTICS @ $T_L = 30^{\circ}\text{C}$

JEDEC TYPE NUMBER	ZENER VOLTAGE V_Z	TEST CURRENT I_{ZT}	DYNAMIC IMPEDANCE Z_{ZT}	KNEE CURRENT I_{ZK}	KNEE IMPEDANCE Z_{ZK}	REVERSE CURRENT I_R	REVERSE VOLTAGE V_R	MAX. DC CURRENT I_{ZM}
	Volts	mA	Ω	mA	Ω	$\mu\text{A dc}$	Volts	mA
1N5930	16	23.4	10	0.25	600	1.0	12.2	93

NOTE 1 No suffix indicates a $\pm 20\%$ tolerance on nominal V_Z . The suffix A denotes a $\pm 10\%$ tolerance, B denotes a $\pm 5\%$ tolerance, C denotes a $\pm 2\%$ tolerance, and D denotes a $\pm 1\%$ tolerance.



Quality Semi-Conductors