New Jersey Semi-Conductor Products, Inc.

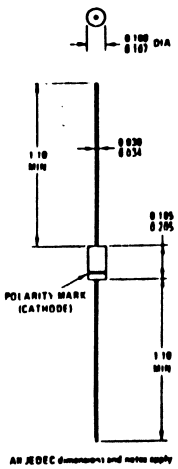
20 STERN AVE.
SPRINGFIELD, NEW JERSEY 07081
U.S.A.

TELEPHONE: (973) 376-2922
(212) 227-6005
FAX: (973) 376-8960

1N5930

SILICON ZENER DIODE

DO-41



MAXIMUM RATINGS

Junction and Storage: −55 °C to +200 °C
DC Power Dissipation: 1.5 Watt
12 mW/ °C above 75 °C
Forward Voltage @ 200 mA: 1.2 Volts

ELECTRICAL CHARACTERISTICS @ T_L = 30 °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	μAdc	Volts	mA
1N5930	16	23.4	10	0.25	600	1.0	12.2	93

NOTE 1 No suffix indicatesa ±20% tolerance on nominal Vz. The suffix A denotes a ±10% tolerance, B denotes a ±5% tolerance, C denotes a ±2% tolerance, and D denotes a ±1% tolerance.

Quality Semi-Conductors