

*New Jersey Semi-Conductor Products, Inc.*

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

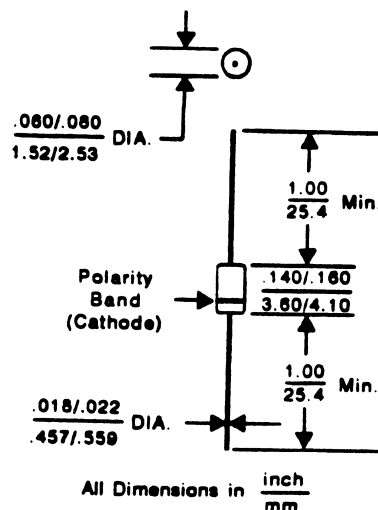
TELEPHONE: (973) 376-2922  
 (212) 227-6005  
 FAX: (973) 376-8960

**1N5283  
 thru  
 1N5314**

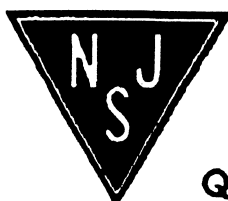
Field-effect current regulator diodes are circuit elements that provide a current essentially independent of voltage. These diodes are especially designed for maximum impedance over the operating range.

**MAXIMUM RATINGS**

Rating	Symbol	Value	Unit
Peak Operating Voltage ( $T_J = -55^\circ\text{C}$ to $+200^\circ\text{C}$ )	POV	100	Volts
Steady State Power Dissipation @ $T_L = 75^\circ\text{C}$ Derate above $T_L = 75^\circ\text{C}$ Lead Length = 3/8" (Forward or Reverse Bias)	$P_D$	600 4.8	mW mW/ $^\circ\text{C}$
Operating and Storage Junction Temperature Range	$T_J, T_{stg}$	-55 to +200	$^\circ\text{C}$



**DO-35**



**Quality Semi-Conductors**