

*New Jersey Semi-Conductor Products, Inc.*

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

TELEPHONE: (973) 378-2922  
 (212) 227-6005  
 FAX: (973) 378-8960

: Ref/Reg Diodes,  $0W < P(D) \leq 250mW$

Part Number: 1N826A  
 Description: Ref/Reg Diodes,  $0W < P(D) \leq 250mW$   
 Manufacturer..... many  
 Mil/High-Rel? (Y/N).....  
 Nom. Ref. Volt..... 6.55  
 Test Current..... 7.5m  
 Tol. (%)..... 5  
 PD Max. (W)..... 250m  
 Dyn. Zmax (j)..... 15  
 Temp Coef pp/10k..... .20  
 Oper. Temp (°C) Max..... 175  
 Pkg Style..... DO-7  
 Surface Mounted (Y/N)..... N

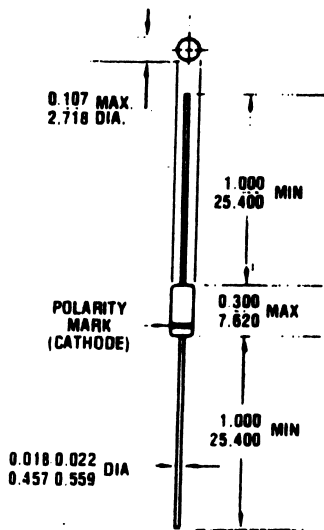


FIGURE 1

All dimensions in  
 INCH  
 m.m.

**MECHANICAL CHARACTERISTICS**

CASE: Hermetically sealed glass case. DO-7.

FINISH: All external surfaces are corrosion resistant and leads solderable.

THERMAL RESISTANCE: 300°C/W (Typical) junction to lead at 0.375-inches from body.

POLARITY: Diode to be operated with the banded end positive with respect to the opposite end.

WEIGHT: 0.2 grams.

MOUNTING POSITION: Any.



NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.