New Jersey Semi-Conductor Products, Inc.

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1N361 GENERAL PURPOSE

ABSOLUTE MAX: "IUM RATINGS

Maximum Temperatures

Storage Temperature Operating Junction Temperature

 -65° C to $+200^{\circ}$ C 175°C

Maximum Voltages and Current

V_{RM(rep)} V_{RM(wkg)} Peak Repetitive Reverse Voltage Working Peak Reverse Voltage

200 V 200 V

 V_R V_{RM(non-rep)}

DC Blocking Voltage Non-Repetitive Peak Reverse 200 V

Voltage (half/wave, single phase,

200 V

60 Hz Peak)

 V_{RM}

rms Input Voltage

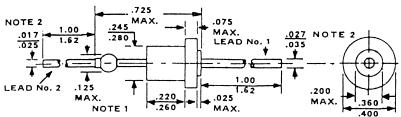
140 V

ELECTRICAL CHARACTERISTICS (25°C Ambient Temperature unless otherwise noted)

SYMBOL	' CHARACTERISTIC	TYP.	MAX.	UNITS	TEST CONDITIONS
٧ _F	Maximum Instantaneous Forward Voltage Drop	0.95	1 10	V	IF = 1.0 A
^I R	Maximum Reverse Current	0.01	10	μΑ	(Rated dc Voltage)

OUTLINE DRAWING

DO3



NOTES:

- 1. DIMENSION TO ALLOW FOR PINCH OR SEAL DEFORMATION ANYWHERE ALONG TUBULATION (OPTIONAL).
- 2. DIAMETER TO BE CONTROLLED FROM FREE END OF LEAD TO WITHIN .188" (4.78 MM) FROM THE POINT OF ATTACHMENT TO THE BODY. WITHIN THE .188" (4.78 MM) DIMENSION, THE DIAMETER MAY VARY TO ALLOW FOR LEAD FINISHES AND IRREGULARITIES.



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