New Jersey Semi-Conductor Products, Inc.

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1N361 **GENERAL PURPOSE**

ABSOLUTE MAX: "1UM RATINGS

Maximum Temperatures Storage Temperature Operating Junction Temperature

-65°C to +200°C 175°C

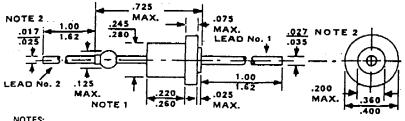
Maximum Voltages and Current

Peak Repetitive Reverse Voltage VRM(rep) 200 V Working Peak Reverse Voltage VRM(wkg) 200 V v_{R} DC Blocking Voltage 200 V Non-Repetitive Peak Reverse VRM(non-rep) 200 V Voltage (half/wave, single phase, 60 Hz Peak) rms Input Voltage V_{RM} 140 V

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

SYMBOL	CHARACTERISTIC	TYP.	MAX.	UNITS	TEST CONDITIONS
٧ _۴	Maximum Instantaneous Forward Voltage Drop	0.95	1 10	· v	lμ = 1.0 A
I _R	Maximum Reverse Current	0.01	10	μΑ	(Rated dc Voltage)

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

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