

**1N361**  
 GENERAL PURPOSE

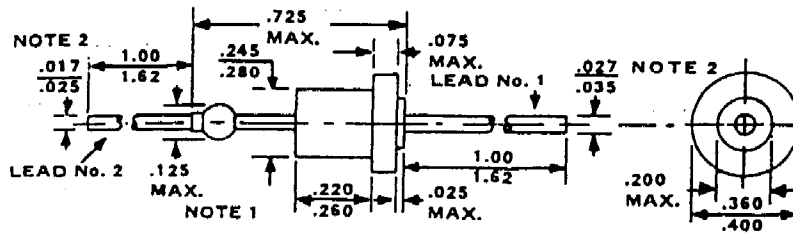
**ABSOLUTE MAXIMUM RATINGS**

Maximum Temperatures		
Storage Temperature		-65°C to +200°C
Operating Junction Temperature		175°C
Maximum Voltages and Current		
$V_{RM(rep)}$	Peak Repetitive Reverse Voltage	200 V
$V_{RM(wkg)}$	Working Peak Reverse Voltage	200 V
$V_R$	DC Blocking Voltage	200 V
$V_{RM(non-rep)}$	Non-Repetitive Peak Reverse Voltage (half/wave, single phase, 60 Hz Peak)	200 V
$V_{RM}$	rms Input Voltage	140 V

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

SYMBOL	CHARACTERISTIC	TYP.	MAX.	UNITS	TEST CONDITIONS
$V_F$	Maximum Instantaneous Forward Voltage Drop	0.95	1.10	V	$I_F = 1.0 A$
$I_R$	Maximum Reverse Current	0.01	10	$\mu A$	(Rated dc Voltage)

**D03**



**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.