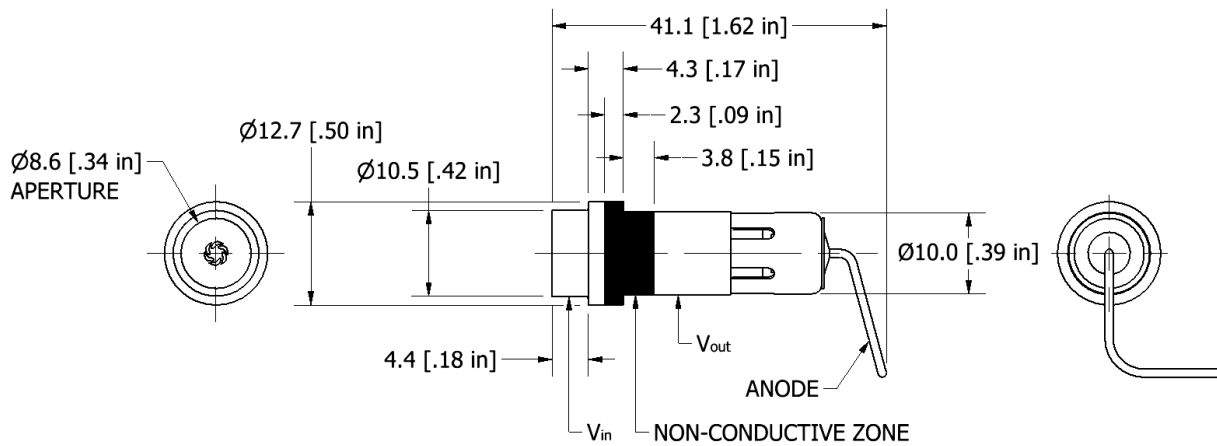


<u>PHYSICAL CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
Maximum Vacuum Bake Specification: (Not Operating)	8 Hours at 350°C at $1 \times 10^{-5}$ Torr or Lower
Operating Temperature Range:	-50° to 120°C
<u>ELECTRICAL CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
Operation:	Analog
Maximum Operating Pressure:	$1.0 \times 10^{-5}$ Torr
Maximum Specified Operating Voltage:	3000 Volts
Bias Current Range (@ 2500 Volts):	60 to 147 Microamps
Resistance (For Reference Only):	17 to 42 Megohms
Minimum Gain (@ 2500 Volts):	$1 \times 10^7$
Maximum Dark Current (@ 2500 Volts):	$1 \times 10^{-12}$ Amps
Maximum Dark Count (@ 3000 Volts):	120 Counts in 60 Seconds
Bias Resistor:	10-20% of Total Resistance (Nominally)



**Figure 1, Mechanical Dimensions**