SYMBOLS & DEFINITIONS

Symbol	Definition
V_{BR}	Minimum Breakdown Voltage: The minimum voltage the device will exhibit at a specified current
V_{RWM}	Working Peak Reverse Voltage: The maximum peak voltage that can be applied over the operating temperature range
I_O	Average Rectified Output Current: Output Current averaged over a full cycle with a 50 hZ or 60 Hz sine-wave input and a 180 degree conduction angle
V_F	Maximum Forward Voltage: The maximum forward voltage the device will exhibit at a specified current
I_R	Maximum Leakage Current: The maximum leakage current that will flow at the specified voltage and temperature
C	Capacitance: The capacitance in pF at a frequency of 1 MHz and specified voltage
t_{rr}	Reverse Recovery Time: The time interval between the instant the current passes through zero when changing from the forward direction to the reverse direction and a specified decay point after a peak reverse current occurs.

GRAPHS

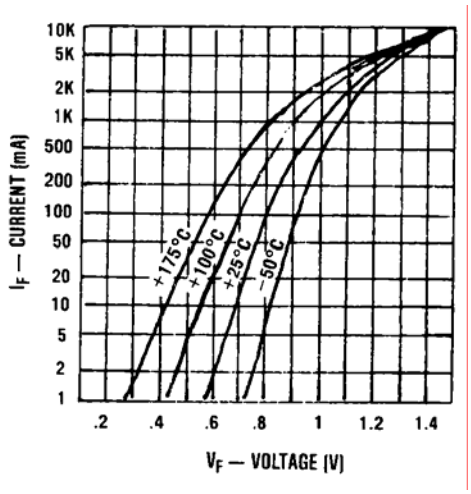


FIGURE 1
TYPICAL FORWARD VOLTAGE vs FORWARD CURRENT

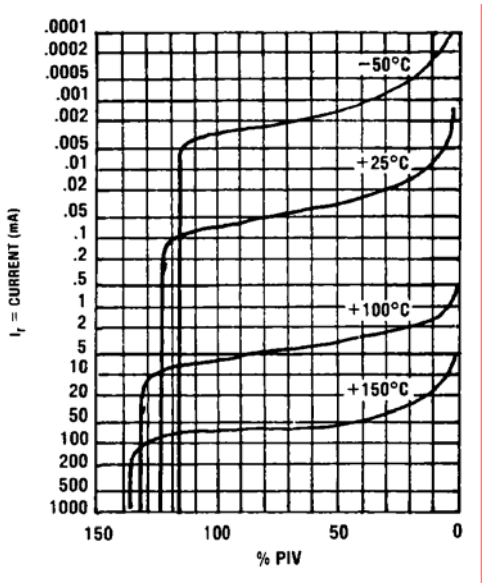


FIGURE 2
TYPICAL REVERSE CURRENT vs PIV

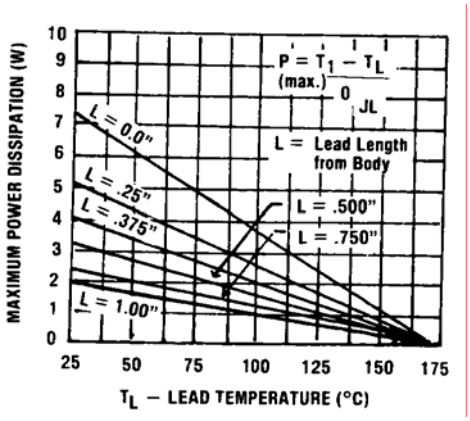


FIGURE 3
MAXIMUM POWER DISSIPATION
vs LEAD TEMPERATURE

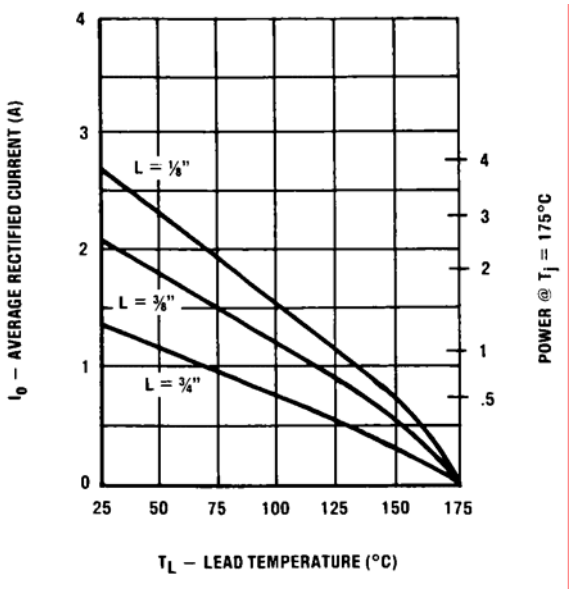
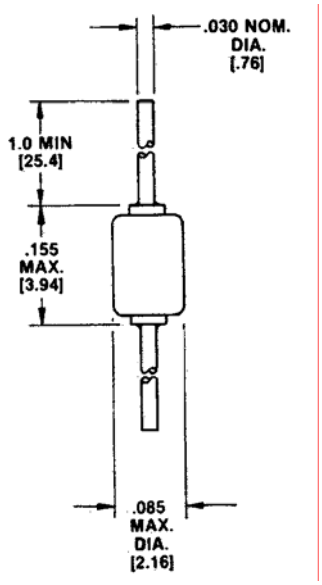


FIGURE 4
MAXIMUM CURRENT vs LEAD TEMPERATURE

PACKAGE DIMENSIONS



Dimensions: Inches/[mm]
NOTE: Lead tolerance = +0.003/-0.004 inches