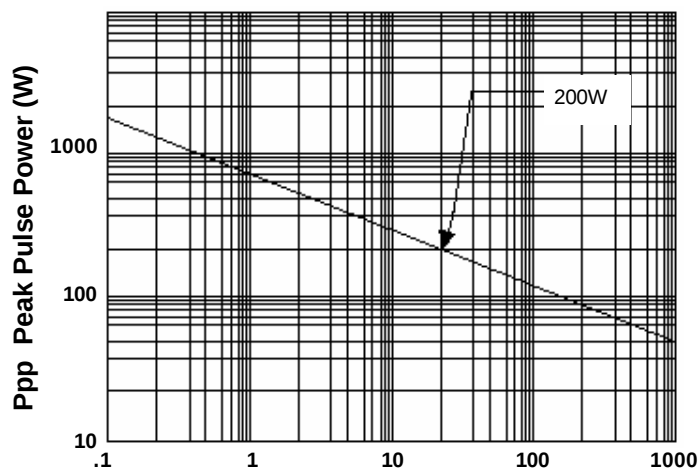


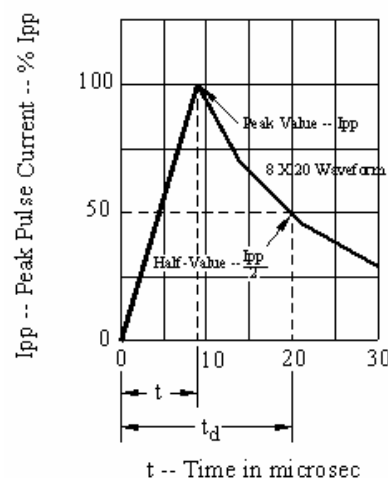
## SYMBOLS & DEFINITIONS

| Symbol   | Definition                                                                                                                                                                                                       |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $V_{WM}$ | Rated stand off voltage: Maximum dc voltage that can be applied over the operating temperature range. $V_{WM}$ must be selected to be equal or be greater than the operating voltage of the line to be protected |
| $V_{BR}$ | Minimum Breakdown Voltage: The minimum voltage the device will exhibit at a specified current                                                                                                                    |
| $V_C$    | Clamping Voltage: Maximum clamping voltage across the TVS device when subjected to a given current at a pulse time of 20 $\mu s$ .                                                                               |
| $I_D$    | Standby Current: Leakage current at $V_{WM}$ .                                                                                                                                                                   |
| C        | Capacitance: Capacitance of the TVS as defined @ 0 volts at a frequency of 1 MHz and stated in Pico Farads.                                                                                                      |

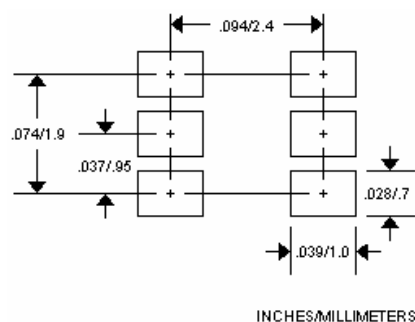
## OUTLINE AND CIRCUIT



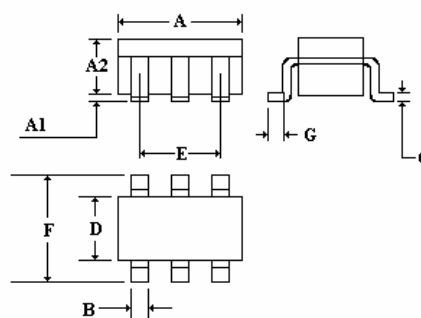
**FIGURE 1**  
Peak Pulse Power Vs Pulse Time  $t = \mu sec$



**FIGURE 2**  
Pulse Wave Form



INCHES/MILLIMETERS



| DIM | DIMENSIONS MILLIMETERS |      |      | DIMENSIONS INCHES |      |      |
|-----|------------------------|------|------|-------------------|------|------|
|     | MIN                    | NOM  | MAX  | MIN               | NOM  | MAX  |
| A   | 2.70                   | 2.90 | 3.10 | .106              | .114 | .127 |
| A1  | 0.00                   |      | 0.10 | .000              |      | .004 |
| A2  | 1.00                   | 1.10 | 1.30 | .039              | .043 | .051 |
| B   | 0.35                   | 0.40 | 0.50 | .014              | .016 | .020 |
| C   | 0.10                   | 0.15 | 0.25 | .004              | .006 | .010 |
| D   | 1.50                   | 1.60 | 1.80 | .059              | .063 | .071 |
| E   | 1.70                   | 1.90 | 2.10 | .067              | .075 | .083 |
| F   | 2.60                   | 2.80 | 3.00 | .102              | .110 | .118 |
| G   | 0.20                   |      |      | .008              |      |      |

