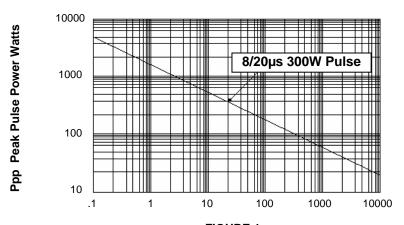


SM03 thru SM36, e3

Bidirectional/Unidirectional TVSarray ™ PRODUCT PREVIEW

>		SYMBOLS & DEFINITIONS		
Symbol DEFINITION				
	V_{WM}	Rated stand off voltage: Maximum dc voltage that can be applied over the operating temperature range. Vwm 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		
	Vc	Clamping Voltage: Maximum clamping voltage across the TVS device when subjected to a given current at a pulse time of 20 µs.		
	I _D	Standby Current: Leakage current at V _{WM} .		
	С	Capacitance: Capacitance of the TVS as defined @ 0 volts at a frequency of 1 MHz and stated in Pico Farads.		

GRAPHS



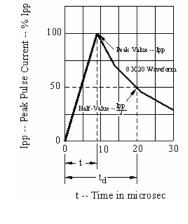
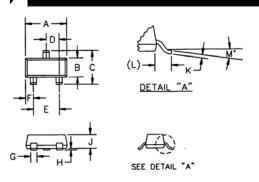


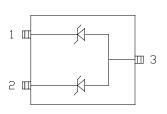
FIGURE 1
Peak Pulse Power Vs Pulse Time t=µsec

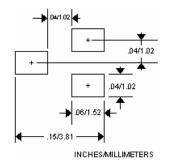
FIGURE 2 Pulse Wave Form

PACKAGING AND SCHEMATIC



DIMENSIONS [1]							
DIM	INCHES		MM		NOTE		
DIM.	MIN	MAX.	MIN	MAX	NO IL		
A	.110	.119	2.8	3.04	_		
В	.047	.055	1.20	1.40	_		
C	.083	.104	2,10	2.64			
Б	.035	.040	0.88	1.02			
E	.070	.081	1.78	2.05	_		
F	.017	.024	.44	.60			
G	.014	.020	.37	.51	-		
H	.0005	.004	.013	0.10	1-		
J	.034	.040	.87	1.02			
ΓŔ	.003	.007	.085	.180	-		
L	-	.022	_	0.55	REF		
М	0	8.	0	8*	_		





DATA

SCHEMATIC