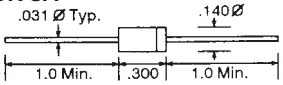
LEADED (THRU-HOLE)
Transient Voltage Suppressors(TVS)

Transient Voltage Suppressor (500W & 5000W)

Operating Temperature: -55 C to +175 C

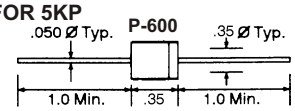
Break Down Voltage Code	Reverse Stand-Off Voltage VRWM (V)	Series: SA (500W P_{PK})					Series: 5KP (5000W P_{PK})					Maximum Clamping Voltage @ Ipp Vc (V)	Outline (Max in inches)
		Breakdown Voltage VBR (V) @ IT		Test Current IT (mA)	Peak Pulse Current Ipp (A)	Reverse Leakage @ VRWM	Breakdown Voltage VBR (V) @ IT		Test Current IT (mA)	Peak Pulse Current Ipp (A)	Reverse Leakage @ VRWM IR (pA)		
		MIN.	MAX.				MIN.	MAX.					
22	22	24.4	29.8	1	12.9	3	20.4	29.8	5	127.0	10	39.4	
22A	22	24.4	26.9	1	14.4	3	24.4	26.9	5	141.0	10	35.5	
24	24	26.7	32.6	1	11.9	3	26.7	32.6	5	116.0	10	43.0	
24A	24	26.7	29.5	1	13.1	3	26.7	29.5	5	129.0	10	38.9	
26	26	28.9	35.3	1	10.9	3	28.9	35.3	5	107.0	10	46.6	
26A	26	28.9	31.9	1	12.1	3	28.9	31.9	5	119.0	10	42.1	
28	28	31.1	38.0	1	10.2	3	31.1	38.0	5	100.0	10	50.1	
28A	28	31.1	34.4	1	11.2	3	31.1	34.4	5	110.0	10	45.4	
30	30	33.3	40.7	1	9.5	3	33.3	40.7	5	93.6	10	53.5	
30A	30	33.3	36.8	1	10.5	3	33.3	36.8	5	103.0	10	48.4	
33	33	36.7	44.9	1	8.6	3	36.7	44.9	5	84.8	10	59.0	
33A	33	36.7	40.6	1	9.6	3	36.7	40.6	5	93.9	10	53.3	
36	36	44.4	54.3	1	7.1	3	40	48.9	5	77.8	10	64.3	
36A	36	40	48.9	1	7.9	3	40	44.2	5	86.1	10	58.1	
40	40	40	44.2	1	8.8	3	44.4	54.3	5	70.1	10	71.4	
40A	40	44.4	49.1	1	7.9	3	44.4	49.1	5	77.6	10	64.5	
43	43	47.8	58.4	1	6.6	3	47.8	58.4	5	65.2	10	76.7	
43A	43	50	61.1	1	6.4	3	47.8	52.8	5	72.1	10	69.4	
45	45	47.8	52.8	1	7.3	3	50	61.1	5	62.3	10	80.3	
45A	45	50	55.3	1	7.0	3	50	55.3	5	68.8	10	72.7	
48	48	53.3	65.2	1	6.0	3	53.3	65.2	5	58.5	10	85.5	
48A	48	53.3	58.9	1	6.6	3	53.3	58.9	5	64.7	10	77.4	
51	51	56.7	62.7	1	6.2	3	56.7	69.3	5	54.9	10	91.1	
51A	51	56.7	69.3	1	5.6	3	56.7	62.7	5	60.7	10	82.4	
54	54	60	73.3	1	5.3	3	60	73.3	5	52.0	10	96.3	
54A	54	60	66.3	1	5.9	3	60	66.3	5	57.5	10	87.1	
58	58	64.4	78.7	1	5.0	3	64.4	78.7	5	48.6	10	103.0	
58A	58	64.4	71.2	1	5.4	3	64.4	71.2	5	53.5	10	93.6	
60	60	66.7	81.5	1	4.8	3	66.7	81.5	5	46.8	10	107.0	
60A	60	66.7	73.7	1	5.3	3	66.7	73.7	5	51.7	10	96.8	
64	64	71.1	86.9	1	4.5	3	71.1	86.9	5	43.9	10	114.0	
64A	64	71.1	78.6	1	5.0	3	71.1	78.6	5	48.6	10	103.0	
70	70	77.8	95.1	1	4.1	3	77.8	95.1	5	40.0	10	125.0	
70A	70	77.8	86.0	1	4.5	3	77.8	86.0	5	44.3	10	113.0	
75	75	83.3	102.0	1	3.8	3	83.3	102.0	5	37.4	10	134.0	
75A	75	83.3	92.1	1	4.2	3	83.3	92.1	5	41.4	10	121.0	
78	78	86.7	106.0	1	3.7	3	86.7	106.0	5	36.0	10	139.0	
78A	78	86.7	95.8	1	4.0	3	86.7	95.8	5	39.7	10	126.0	
85	85	94.4	115.0	1	3.4	3	94.4	115.0	5	33.2	10	151.0	
85A	85	94.4	104.0	1	3.7	3	94.4	104.0	5	36.5	10	137.0	
90	90	100	122.0	1	3.2	3	100	122.0	5	31.3	10	160.0	
90A	90	100	111.0	1	3.5	3	100	111.0	5	34.3	10	146.0	
100	100	111	136.0	1	2.8	3	111	136.0	5	28.0	10	179.0	
100A	100	111	123.0	1	3.1	3	111	123.0	5	30.9	10	162.0	
110	110	122	149.0	1	2.6	3	122	149.0	5	25.6	10	196.0	
I1OA	110	122	135.0	1	2.9	3	122	135.0	5	28.3	10	177.0	
120	120	133	163.0	1	2.4	3	133	163.0	5	23.4	10	214.0	
120A	120	144	159.0	1	2.4	3	133	147.0	5	26.0	10	193.0	
130	130	133	147.0	1	2.6	3	144	176.0	5	21.8	10	230.0	
130A	130	144	176.0	1	2.2	3	144	159.0	5	24.0	10	209.0	
150	150	167	204.0	1	1.9	3	167	204.0	5	18.7	10	268.0	
150A	150	167	185.0	1	2.1	3	167	185.0	5	20.6	10	243.0	
160	160	178	218.0	1	1.7	3	178	218.0	5	17.5	10	287.0	
160A	160	189	231.0	1	1.7	3	178	197.0	5	19.3	10	259.0	
170	170	178	197.0	1	2.0	3	189	231.0	5	16.5	10	304.0	
170A	170	189	209.0	1	1.9	3	189	209.0	5	18.2	10	275.0	
180	180	200	244.0	1	1.6	3	200	244.0	5	15.7	10	320.0	
180A	180	200	233.0	1	1.7	3	200	233.0	5	17.3	10	289.0	

FOR SA **DO-15**



PART NUMBER EXAMPLE
SA75A

FOR 5KP



PART NUMBER EXAMPLE
5KP75A