TECHNICAL DATA
DATA SHEET 5073, REV. –

Transient Voltage Suppressor Diode, 500W

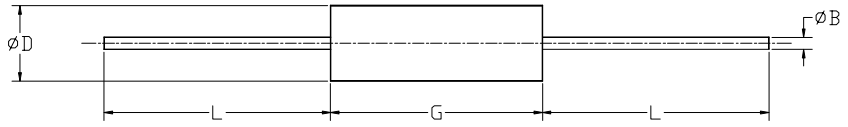
- Hermetic, non-cavity glass package
- Metallurgically bonded
- Operating and Storage Temperature: -55°C to +175°C

SERIES TYPE	MIN BREAKDOWN VOLTAGE $V_{(BR)}$ @ $I_{(BR)}$		WORKING PEAK REVERSE VOLTAGE VRWM	MAXIMUM REVERSE CURRENT I_{R1}	MAX. CLAMP. VOLTAGE VC @ I_P tp = 1ms	MAX. PEAK PULSE CURRENT I_P	MAX. TEMP. COEFFICIENT $V_{(BR)}$
500W	Vdc	mA dc	Vdc	µAdc	V(pk)	A(pk)	% / °C
1N6102A/US	6.12	175	5.2	500	10.5	142.8	.05
1N6103A/US	7.13	175	5.7	300	11.2	133.9	.06
1N6104A/US	7.79	150	6.2	100	12.1	124.0	.06
1N6105A/US	8.65	150	6.9	100	13.4	111.9	.06
1N6106A/US	9.50	125	7.6	100	14.5	103.4	.07
1N6107A/US	10.45	125	8.4	20	15.6	96.2	.07
1N6108A/US	11.40	100	9.1	20	16.9	88.8	.07
1N6109A/US	12.35	100	9.9	20	18.2	82.4	.08
1N6110A/US	14.25	75	11.4	20	21.0	71.4	.08
1N6111A/US	15.20	75	12.2	20	22.3	67.3	.08
1N6112A/US	17.10	65	13.7	10	25.1	59.8	.085
1N6113A/US	19.00	65	15.2	5.0	27.7	54.2	.085
1N6114A/US	20.9	50	16.7	5.0	30.5	49.2	.085
1N6115A/US	22.8	50	18.2	5.0	33.3	45.0	.09
1N6116A/US	25.7	50	20.6	5.0	37.4	40.1	.09
1N6117A/US	28.5	40	22.8	5.0	41.6	36.0	.09
1N6118A/US	31.4	40	25.1	5.0	45.7	32.8	.095
1N6119A/US	34.2	30	27.4	5.0	49.9	30.1	.095
1N6120A/US	37.1	30	29.7	5.0	53.6	28.0	.095
1N6121A/US	40.9	30	32.7	5.0	59.1	25.4	.095
1N6122A/US	44.7	25	35.8	5.0	64.6	23.2	.095
1N6123A/US	48.5	25	38.8	5.0	70.1	21.4	.095
1N6124A/US	53.2	20	42.6	5.0	77.0	19.5	.095
1N6125A/US	58.9	20	47.1	5.0	85.3	17.6	.100
1N6126A/US	64.6	20	51.7	5.0	97.1	15.4	.100
1N6127A/US	71.3	20	56.0	5.0	103.1	14.5	.100
1N6128A/US	77.9	15	62.2	5.0	112.8	13.3	.100
1N6129A/US	86.5	15	69.2	5.0	125.1	12.0	.100
1N6130A/US	95.0	12	76.0	5.0	137.6	10.9	.100
1N6131A/US	104.5	12	83.6	5.0	151.3	9.9	.100
1N6132A/US	114.0	10	91.2	5.0	165.1	9.1	.100
1N6133A/US	123.5	10	98.8	5.0	178.8	8.4	.105
1N6134A/US	142.5	8.0	114.0	5.0	206.3	7.3	.105
1N6135A/US	152	8.0	121.6	5.0	218.4	6.9	.105
1N6136A/US	171	5.0	136.8	5.0	245.7	6.1	.110
1N6137A/US	190	5.0	152.0	5.0	273.0	5.5	.110

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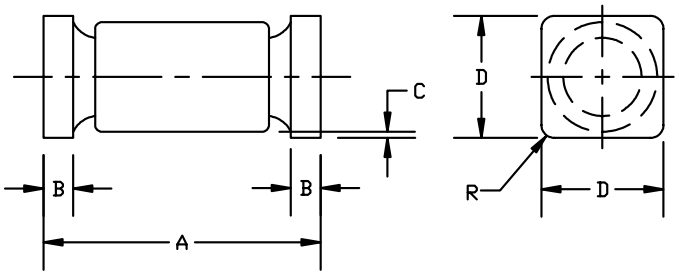
MECHANICAL DIMENSIONS In Inches / (mm)

AXIAL



PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	ϕB	ϕD	G	L
AXIAL	.026/.033 .66/.84	.085/.140 2.16/3.56	.140/.185 3.56/4.70	1.00/1.30 25.4/33.02

MELF



R = 0.020 Max

STYLE	A	B	C	D
MELF	.200/.225 5.08/5.72	.019/.028 .48/.71	.003MIN .08MIN	.137/.148 3.48/3.76

SENSITRON
SEMICONDUCTOR

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