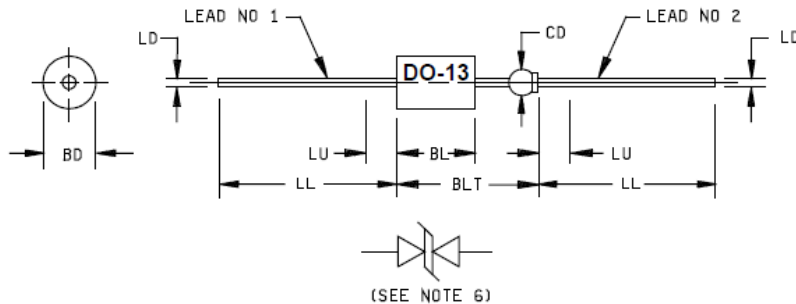


#### TECHNICAL DATA DATA SHEET 5165 REV. A.3

SERIES TYPE	MIN BREAKDOWN VOLTAGE $V_{(BR)}$ @ $I_{(BR)}$		WORKING PEAK REVERSE VOLTAGE $V_{RWM}$	MAXIMUM STANDBY CURRENT $I_D$	MAX. CLAMP. VOLTAGE $V_C$ @ $I_{PP}$ $t_p = 1ms$	MAX. PEAK PULSE CURRENT $t_p = 1ms$ , $t_r = 10\mu s$ $I_{PP}$	MAX. TEMP. COEFFICIENT
	Vdc	mA dc					
<b>1500W</b>	Vdc	mA dc	Vdc	$\mu A_{dc}$	V(pk)	A(pk)	% / °C
1N6053A	37.10	1	33.0	5	53.9	28.0	0.100
1N6054A	40.90	1	36.0	5	59.3	25.3	0.101
1N6055A	44.70	1	40.0	5	64.8	23.2	0.101
1N6056A	48.50	1	43.0	5	70.1	21.4	0.102
1N6057A	53.20	1	47.0	5	77.0	19.5	0.103
1N6058A	58.90	1	53.0	5	85.0	17.7	0.104
1N6059A	64.60	1	58.0	5	92.0	16.3	0.104
1N6060A	71.30	1	64.0	5	103.0	14.6	0.105
1N6061A	77.90	1	70.0	5	113.0	13.3	0.105
1N6062A	86.50	1	75.0	5	125.0	12.0	0.106
1N6063A	95.00	1	82.0	5	137.0	11.0	0.106
1N6064A	105.00	1	94.0	5	152.0	9.9	0.107
1N6065A	114.00	1	100.0	5	168.0	8.9	0.107
1N6066A	124.00	1	110.0	5	182.0	8.2	0.107
1N6067A	143.00	1	128.0	5	213.0	7.0	0.108

#### PACKAGE DIMENSIONS (inches/mm)



Symbol	Dimensions				Notes 1, 2
	Inches		Millimeters		
	Min	Max	Min	Max	
BD	.215	.235	5.46	5.97	
BL	.293	.357	7.44	9.07	3
BLT		.570		14.48	
CD	.045	.100	1.14	2.54	5
LD	.025	.035	0.64	0.89	
LL	1.000	1.625	25.40	41.28	
LU		.188		4.78	4

**PKG: DO-13**

#### NOTES:

1. Dimensions are in inches.
2. Millimeter equivalents are given for general information only.
3. The major diameter is essentially constant along its length.
4. Within this zone, diameter may vary to allow for lead finishes and irregularities.
5. Dimension to allow for pinch or seal deformation anywhere along tubulation.
6. Symbol for bidirectional transient suppressor.
7. Lead 1 shall be electrically connected to the case.
8. In accordance with ASME Y14.5M, diameters are equivalent to  $\phi x$  symbology.

**TECHNICAL DATA**  
**DATA SHEET 5165 REV. A.3****PART ORDERING INFORMATION**

The following part numbers can be screened and tested to the military screening flow. The parts are marked in accordance with the testing performed, example:

Sensitron Screening Level	Part Number-- Leaded Package (example for 1N6041A)
<b>1N</b>	1N6041A
<b>JAN</b>	JAN1N6041A
<b>JANTX</b>	JANTX1N6041A
<b>JANTXV</b>	JANTXV1N6041A

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