

CentralTM Semiconductor Corp.

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Manufacturers of World Class Discrete Semiconductors

1N6267A THRU 1N6303A

1.5KW TRANSIENT SUPPRESSOR
5% TOLERANCE

EPOXY MOLDED AXIAL LEAD CASE

The CENTRAL SEMICONDUCTOR 1N6267A Series types are Epoxy Molded Axial Lead Transient Suppressors designed to protect voltage sensitive components from high voltage transients.

MAXIMUM RATINGS ($T_L=25^\circ\text{C}$ unless otherwise noted)

Peak Power Dissipation (1.0ms)

Steady State Power Dissipation ($T_L=75^\circ\text{C}$, L.L.=3/8")

Forward Surge Current

Operating and Storage Junction Temperature

SYMBOL

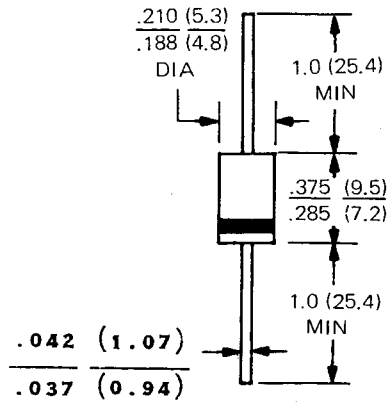
UNIT

P_{DM}	1500	W
P_D	5.0	W
I_{FSM}	200	A
T_J, T_{stg}	-65 TO +175	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS ($T_A=25^\circ\text{C}$)

TYPE NO.	V_{BR} @ I_T (V) (mA)	V_{RWM} (V)	I_R @ V_{RWM} (μA)	I_{RSM} (A)	V_{RSM} @ I_{RSM} (V)	V_{BR} TEMP. COEF. (%/ $^\circ\text{C}$)
1N6267A	6.8 10	5.80	1000	143	10.5	0.057
1N6268A	7.5 10	6.40	500	132	11.3	0.061
1N6269A	8.2 10	7.02	200	124	12.1	0.065
1N6270A	9.1 1.0	7.78	50	112	13.4	0.068
1N6271A	10 1.0	8.55	10	103	14.5	0.073
1N6272A	11 1.0	9.40	5.0	96	15.6	0.075
1N6273A	12 1.0	10.2	5.0	90	16.7	0.078
1N6274A	13 1.0	11.1	5.0	82	18.2	0.081
1N6275A	15 1.0	12.8	5.0	71	21.2	0.084
1N6276A	16 1.0	13.6	5.0	67	22.5	0.086
1N6277A	18 1.0	15.3	5.0	59.5	25.2	0.088
1N6278A	20 1.0	17.1	5.0	54	27.7	0.090
1N6279A	22 1.0	18.8	5.0	49	30.6	0.092
1N6280A	24 1.0	20.5	5.0	45	33.2	0.094
1N6281A	27 1.0	23.1	5.0	40	37.5	0.096
1N6282A	30 1.0	25.6	5.0	36	41.4	0.097
1N6283A	33 1.0	28.2	5.0	33	45.7	0.098
1N6284A	36 1.0	30.8	5.0	30	49.9	0.099
1N6285A	39 1.0	33.3	5.0	28	53.9	0.100
1N6286A	43 1.0	36.8	5.0	25.3	59.3	0.101
1N6287A	47 1.0	40.2	5.0	23.2	64.8	0.101
1N6288A	51 1.0	43.6	5.0	21.4	70.1	0.102
1N6289A	56 1.0	47.8	5.0	19.5	77	0.103
1N6290A	62 1.0	53	5.0	17.7	85	0.104
1N6291A	68 1.0	58.1	5.0	16.3	92	0.104
1N6292A	75 1.0	64.1	5.0	14.6	103	0.105
1N6293A	82 1.0	70.1	5.0	13.3	113	0.105
1N6294A	91 1.0	77.8	5.0	12	125	0.106
1N6295A	100 1.0	85.5	5.0	11	137	0.106
1N6296A	110 1.0	94	5.0	9.9	152	0.107
1N6297A	120 1.0	102	5.0	9.1	165	0.107
1N6298A	130 1.0	111	5.0	8.4	179	0.107
1N6299A	150 1.0	128	5.0	7.2	207	0.108
1N6300A	160 1.0	136	5.0	6.8	219	0.108
1N6301A	170 1.0	145	5.0	6.4	234	0.108
1N6302A	180 1.0	154	5.0	6.1	246	0.108
1N6303A	200 1.0	171	5.0	5.5	274	0.108

OUTLINE DRAWING



Dimensions in inches and (millimeters)