

Transient Suppressors

Bipolar Suppressors

1N6036A-1N6072A

1500 Watt Peak Power @ 1mSec Pulse Width
 1 Pico Second Response (1×10^{-12} Sec)
 1-Watt DC Power @ 75°C Lead Temperature
 Hermetic DO-13 Package
 Available as JAN, JANTX, JANTXV per Mil-Prf-19500/500



Part Number	Min. Vbr @ (V dc)	Nom. Vbr @ (V dc)	Max. Vbr @ (V dc)	Test Current (Ibr) (mA dc)	Working Peak Reverse Voltage (Vwvm) (V(pk))	Max. Reverse Current (Ir) (uA dc)	Max. Clamping Voltage Vc @ Ipp for tp = 1mS (V(pk))	Max. Peak Pulse Current tp = 20uS tr = 8uS (A(pk))	Max. Peak Pulse Current tp = 1mS tr = 10uS (A(pk))	Max. Temp. Coefficient of Vbr (%/oC)	Min. Break-Down Voltage at Ibr -55C (V dc)	Break-down Current (Ibr) (mA dc)
1N6036A	7.13	7.5	7.88	10	6	1000	11.3	750	132	.061	6.66	125
1N6037A	7.79	8.2	8.61	10	7	500	12.1	700	124	.065	7.24	115
1N6038A	8.65	9.1	9.55	10	7.5	200	13.4	630	112	.068	8.01	104
1N6039A	9.5	10	10.5	1	8.5	50	14.5	585	103	.073	8.75	95
1N6040A	10.5	11	11.6	1	9.0	10	15.6	545	96	.075	9.65	86
1N6041A	11.4	12	12.6	1	10	5	16.7	510	90	.078	10.4	73
1N6042A	12.4	13	13.7	1	11	5	18.2	465	82	.081	11.3	70
1N6043A	14.3	15	15.8	1	12	5	21.2	400	71	.084	13	63
1N6044A	15.2	16	16.8	1	13	5	22.5	375	67	.086	13.7	59
1N6045A	17.1	18	18.9	1	15	5	25.2	335	59.5	.088	15.4	53
1N6046A	19	20	21	1	17	5	27.7	305	54	.090	17.1	47
1N6047A	20.9	22	23.1	1	18	5	30.6	275	49	.092	18.8	43
1N6048A	22.8	24	25.2	1	20	5	33.2	255	45	.094	20.5	39
1N6049A	25.7	27	28.4	1	22	5	37.5	225	40	.096	23	35
1N6050A	28.5	30	31.5	1	25	5	41.4	205	36	.097	25.5	31
1N6051A	31.4	33	34.7	1	28	5	45.7	185	33	.098	29	28
1N6052A	34.2	36	37.8	1	30	5	49.9	170	30	.099	30.5	26
1N6053A	37.1	39	41	1	33	5	53.9	155	28	.100	33.1	24
1N6054A	40.9	43	45.2	1	36	5	59.3	145	25.3	.101	36.4	22
1N6055A	44.7	47	49.4	1	40	5	64.8	130	23.2	.101	39.8	20
1N6056A	48.5	51	53.6	1	43	5	70.1	120	21.4	.102	43.1	18
1N6057A	53.2	56	58.8	1	47	5	77	110	19.5	.103	47.3	17
1N6058A	58.9	62	68.2	1	53	5	85	100	17.7	.104	52.3	15
1N6059A	64.6	68	71.4	1	58	5	92	90	16.3	.104	57.3	14
1N6060A	71.3	75	78.8	1	64	5	103	82	14.6	.105	63.2	12
1N6061A	77.9	82	86.1	1	70	5	113	75	13.3	.105	69	11
1N6062A	86.5	91	95.5	1	75	5	125	68	12	.106	76.5	10
1N6063A	95	100	105	1	82	5	137	62	11	.106	84.1	9.5
1N6064A	105	110	116	1	94	5	152	55	9.9	.107	92.8	8.5
1N6065A	114	120	126	1	100	5	168	50	8.9	.107	100	7.5
1N6066A	124	130	137	1	110	5	182	47	8.2	.107	109	7
1N6067A	143	150	158	1	128	5	213	40	7	.108	126	6
1N6068A	162	170	179	1	145	5	245	36	6.1	.108	143	5.5
1N6069A	171	180	189	1	150	5	261	34	5.7	.108	151	5.2
1N6070A	181	190	200	1	160	5	278	32	5.4	.108	157	5
1N6071A	190	200	210	1	170	5	294	30	5.1	.108	169	4.7
1N6072A	209	220	231	1	185	5	328	25	4.6	.108	184	4.3