



**THE DATASHEET OF
1N6058A**



TRANSIENT SUPPRESSORS

1.5 KW DO-13 (METAL CASE) BI-POLAR

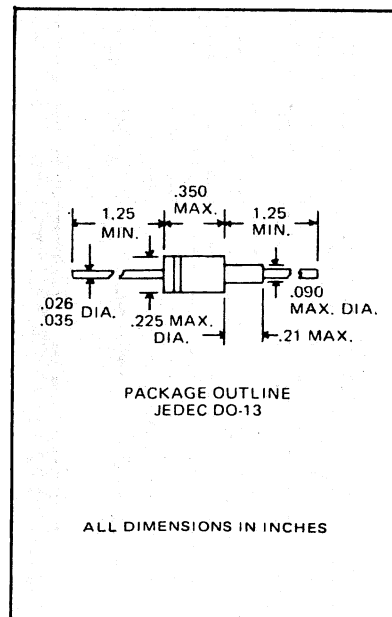


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| JEDEC TYPE NUMBER | REVERSE STAND-OFF VOLTAGE V_R VOLTS | BREAKDOWN VOLTAGE @ | | MAXIMUM CLAMPING VOLTAGE @ I_{pp} (1 mSEC) V_C VOLTS | MAXIMUM REVERSE LEAKAGE @ V_R I_R μA | MAXIMUM PEAK PULSE CURRENT I_{pp} A | MAX TEMP COEFF OF BV %/°C |
|-------------------------|---|---------------------------|-------------|--|--|---|---------------------------------------|
| | | BV VOLTS | I_T mA | | | | |
| 1N6036 | 5.5 | 6.75 - 8.25 | 10 | 11.7 | 1000 | 128 | .061 |
| 1N6036A | 6.0 | 7.13 - 7.88 | 10 | 11.3 | 1000 | 132 | .061 |
| 1N6037 | 6.5 | 7.38 - 9.02 | 10 | 12.5 | 500 | 120 | .065 |
| 1N6037A | 7.0 | 7.79 - 8.61 | 10 | 12.1 | 500 | 124 | .065 |
| 1N6038 | 7.0 | 8.19 - 10.0 | 10 | 13.8 | 200 | 109 | .068 |
| 1N6038A | 7.5 | 8.65 - 9.55 | 10 | 13.4 | 200 | 112 | .068 |
| 1N6039 | 8.0 | 9.00 - 11.0 | 1 | 15.0 | 50 | 100 | .073 |
| 1N6039A | 8.5 | 9.5 - 10.5 | 1 | 14.5 | 50 | 103 | .073 |
| 1N6040 | 8.5 | 9.9 - 12.1 | 1 | 16.2 | 10 | 93 | .075 |
| 1N6040A | 9.0 | 10.5 - 11.6 | 1 | 15.6 | 10 | 96 | .075 |
| 1N6041 | 9.0 | 10.8 - 13.2 | 1 | 17.3 | 5 | 87 | .078 |
| 1N6041A | 10.0 | 11.4 - 12.6 | 1 | 16.7 | 5 | 90 | .078 |
| 1N6042 | 10.0 | 11.7 - 14.3 | 1 | 19.0 | 5 | 79 | .081 |
| 1N6042A | 11.0 | 12.4 - 13.7 | 1 | 18.2 | 5 | 82 | .081 |
| 1N6043 | 11.0 | 13.5 - 16.5 | 1 | 22.0 | 5 | 68 | .084 |
| 1N6043A | 12.0 | 14.3 - 15.8 | 1 | 21.2 | 5 | 71 | .084 |
| 1N6044 | 12.0 | 14.4 - 17.6 | 1 | 23.5 | 5 | 64 | .086 |
| 1N6044A | 13.0 | 15.2 - 16.8 | 1 | 22.5 | 5 | 67 | .086 |
| 1N6045 | 14.0 | 16.2 - 19.8 | 1 | 26.5 | 5 | 56.5 | .088 |
| 1N6045A | 15.0 | 17.1 - 18.9 | 1 | 25.2 | 5 | 59.5 | .088 |
| 1N6046 | 16.0 | 18.0 - 22.0 | 1 | 29.1 | 5 | 51.5 | .090 |
| 1N6046A | 17.0 | 19.0 - 21.0 | 1 | 27.7 | 5 | 54 | .090 |
| 1N6047 | 17.0 | 19.8 - 24.2 | 1 | 31.9 | 5 | 47 | .092 |
| 1N6047A | 18.0 | 20.9 - 23.1 | 1 | 30.6 | 5 | 49 | .092 |
| 1N6048 | 19.0 | 21.6 - 26.4 | 1 | 34.7 | 5 | 43 | .094 |
| 1N6048A | 20.0 | 22.8 - 25.2 | 1 | 33.2 | 5 | 45 | .094 |
| 1N6049 | 21.0 | 24.3 - 29.7 | 1 | 39.1 | 5 | 38.5 | .096 |
| 1N6049A | 22.0 | 25.7 - 28.4 | 1 | 37.5 | 5 | 40 | .096 |
| 1N6050 | 24.0 | 27.0 - 33.0 | 1 | 43.5 | 5 | 34.5 | .097 |
| 1N6050A | 25.0 | 28.5 - 31.5 | 1 | 41.4 | 5 | 36 | .097 |
| 1N6051 | 26.0 | 29.7 - 36.3 | 1 | 47.7 | 5 | 31.5 | .098 |
| 1N6051A | 28.0 | 31.4 - 34.7 | 1 | 45.7 | 5 | 33 | .098 |
| 1N6052 | 29.0 | 32.4 - 39.6 | 1 | 52.0 | 5 | 29 | .099 |
| 1N6052A | 30.0 | 34.2 - 37.8 | 1 | 49.9 | 5 | 30 | .099 |
| 1N6053 | 31.0 | 35.1 - 42.9 | 1 | 56.4 | 5 | 26.5 | .100 |
| 1N6053A | 33.0 | 37.1 - 41.0 | 1 | 53.9 | 5 | 28 | .100 |
| 1N6054 | 34.0 | 38.7 - 47.3 | 1 | 61.9 | 5 | 24 | .101 |
| 1N6054A | 36.0 | 40.9 - 45.2 | 1 | 59.3 | 5 | 25.3 | .101 |
| 1N6055 | 38.0 | 42.3 - 51.7 | 1 | 67.8 | 5 | 22.2 | .101 |
| 1N6055A | 40.0 | 44.7 - 49.4 | 1 | 64.8 | 5 | 23.2 | .101 |
| 1N6056 | 41.0 | 45.9 - 56.1 | 1 | 73.5 | 5 | 20.4 | .102 |
| 1N6056A | 43.0 | 48.5 - 53.6 | 1 | 70.1 | 5 | 21.4 | .102 |
| 1N6057 | 45.0 | 50.4 - 61.6 | 1 | 80.5 | 5 | 18.6 | .103 |
| 1N6057A | 47.0 | 53.2 - 58.8 | 1 | 77.0 | 5 | 19.5 | .103 |
| 1N6058 | 48.0 | 55.8 - 68.2 | 1 | 89.0 | 5 | 16.9 | .104 |
| 1N6058A | 53.0 | 58.9 - 65.1 | 1 | 85.0 | 5 | 17.7 | .104 |
| 1N6059 | 55.0 | 61.2 - 74.8 | 1 | 98.0 | 5 | 15.3 | .104 |
| 1N6059A | 58.0 | 64.6 - 71.4 | 1 | 92.0 | 5 | 16.3 | .104 |
| 1N6060 | 60.0 | 67.5 - 82.5 | 1 | 108.0 | 5 | 13.9 | .105 |
| 1N6060A | 64.0 | 71.3 - 78.8 | 1 | 103.0 | 5 | 14.6 | .105 |
| 1N6061 | 66.0 | 73.8 - 90.2 | 1 | 118.0 | 5 | 12.7 | .105 |
| 1N6061A | 70.0 | 77.9 - 86.1 | 1 | 113.0 | 5 | 13.3 | .105 |
| 1N6062 | 73.0 | 81.9 - 100.0 | 1 | 131.0 | 5 | 11.4 | .106 |
| 1N6062A | 75.0 | 86.5 - 95.5 | 1 | 125.0 | 5 | 12.0 | .106 |
| 1N6063 | 81.0 | 90.0 - 110.0 | 1 | 144.0 | 5 | 10.4 | .106 |
| 1N6063A | 82.0 | 95.0 - 105.0 | 1 | 137.0 | 5 | 11.0 | .106 |
| 1N6064 | 90.0 | 99.0 - 121.0 | 1 | 158.0 | 5 | 9.5 | .107 |
| 1N6064A | 94.0 | 105.0 - 116.0 | 1 | 152.0 | 5 | 9.9 | .107 |
| 1N6065 | 95.0 | 108.0 - 132.0 | 1 | 176.0 | 5 | 8.5 | .107 |
| 1N6065A | 100.0 | 114.0 - 126.0 | 1 | 168.0 | 5 | 8.9 | .107 |
| 1N6066 | 105.0 | 117.0 - 143.0 | 1 | 191.0 | 5 | 7.8 | .107 |
| 1N6066A | 110.0 | 124.0 - 137.0 | 1 | 182.0 | 5 | 8.2 | .107 |
| 1N6067 | 121.0 | 135.0 - 165.0 | 1 | 223.0 | 5 | 6.7 | .108 |
| 1N6067A | 128.0 | 143.0 - 158.0 | 1 | 213.0 | 5 | 7.0 | .108 |
| 1N6068 | 137.0 | 153.0 - 187.0 | 1 | 258.0 | 5 | 5.8 | .108 |
| 1N6068A | 145.0 | 162.0 - 179.0 | 1 | 245.0 | 5 | 6.1 | .108 |
| 1N6069 | 145.0 | 162.0 - 198.0 | 1 | 274.0 | 5 | 5.5 | .108 |
| 1N6069A | 150.0 | 171.0 - 189.0 | 1 | 261.0 | 5 | 5.7 | .108 |
| 1N6070 | 155.0 | 171.0 - 210.0 | 1 | 292.0 | 5 | 5.1 | .108 |
| 1N6070A | 160.0 | 181.0 - 200.0 | 1 | 278.0 | 5 | 5.4 | .108 |
| 1N6071 | 165.0 | 180.0 - 220.0 | 1 | 308.0 | 5 | 4.9 | .108 |
| 1N6071A | 170.0 | 190.0 - 210.0 | 1 | 294.0 | 5 | 5.1 | .108 |
| 1N6072 | 175.0 | 198.0 - 242.0 | 1 | 344.0 | 5 | 4.3 | .108 |
| 1N6072A | 185.0 | 209.0 - 231.0 | 1 | 328.0 | 5 | 4.6 | .108 |






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