

Device Modeling Report

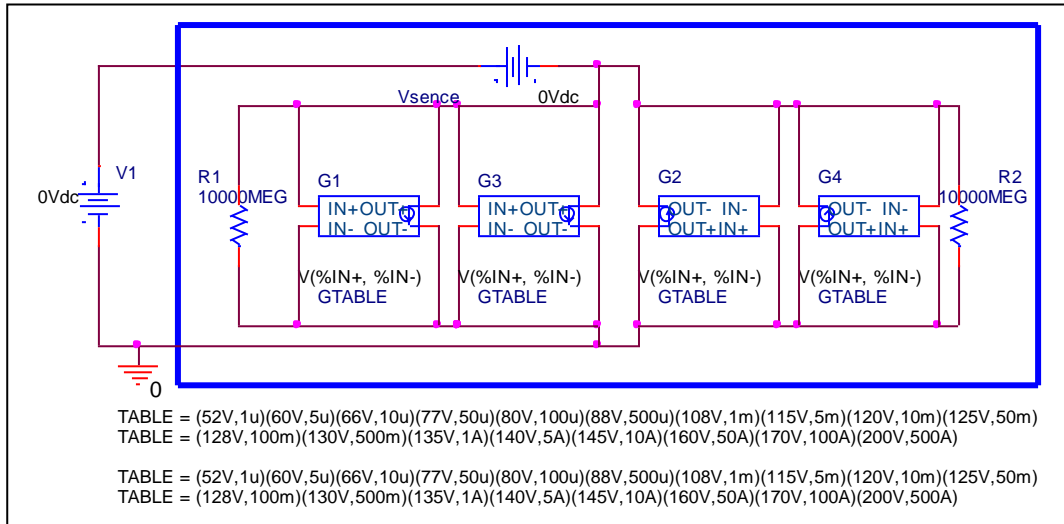
COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZV20D101
MANUFACTURER: Panasonic



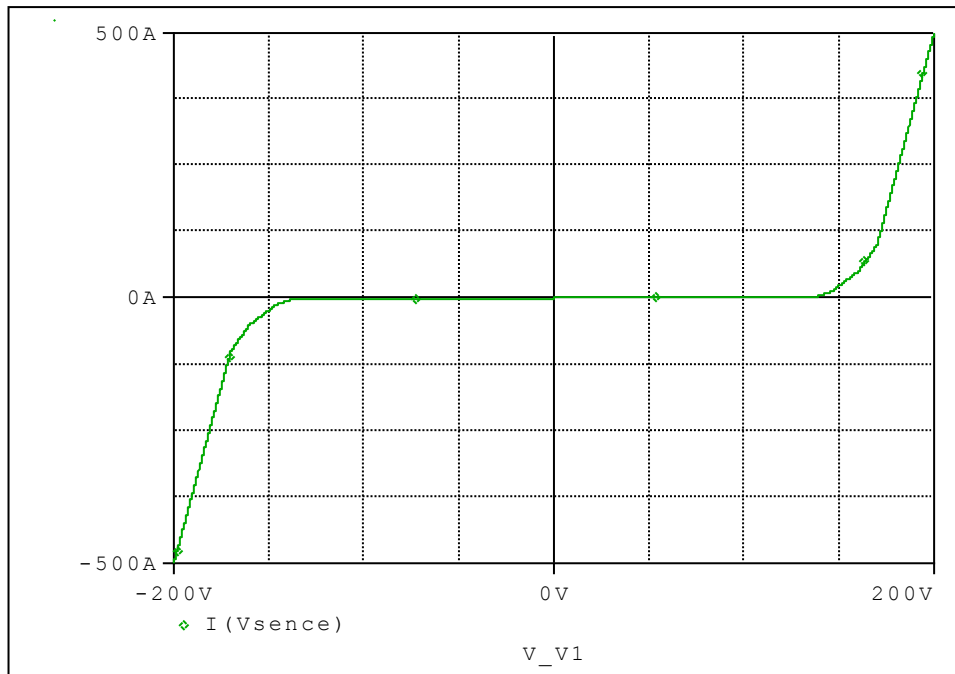
Bee Technologies Inc.

ZNR Transient /Surge Absorber

Evaluation Circuit Result



Circuit Simulation Result



ZNR Transient /Surge Absorber

Simulation Result

| I(A) | VFwd (V) | | %Error |
|----------|-------------|------------|--------|
| | Measurement | Simulation | |
| 1.00E-06 | 52.000 | 53.970 | 3.788 |
| 5.00E-06 | 60.000 | 61.180 | 1.967 |
| 1.00E-05 | 66.000 | 66.270 | 0.409 |
| 5.00E-05 | 77.000 | 77.050 | 0.065 |
| 1.00E-04 | 80.000 | 80.020 | 0.025 |
| 5.00E-04 | 88.000 | 88.030 | 0.034 |
| 1.00E-03 | 108.000 | 108.000 | 0.000 |
| 5.00E-03 | 115.000 | 115.000 | 0.000 |
| 1.00E-02 | 120.000 | 120.000 | 0.000 |
| 5.00E-02 | 125.000 | 125.000 | 0.000 |
| 1.00E-01 | 128.000 | 128.250 | 0.195 |
| 5.00E-01 | 130.000 | 130.500 | 0.385 |
| 1.00E+00 | 135.000 | 135.060 | 0.044 |
| 5.00E+00 | 140.000 | 140.050 | 0.036 |
| 1.00E+01 | 145.000 | 145.010 | 0.007 |
| 5.00E+01 | 160.000 | 160.010 | 0.006 |
| 1.00E+02 | 170.000 | 170.000 | 0.000 |
| 5.00E+02 | 200.000 | 200.000 | 0.000 |

Comparison Graph

Circuit Simulation Result

