

Device Modeling Report

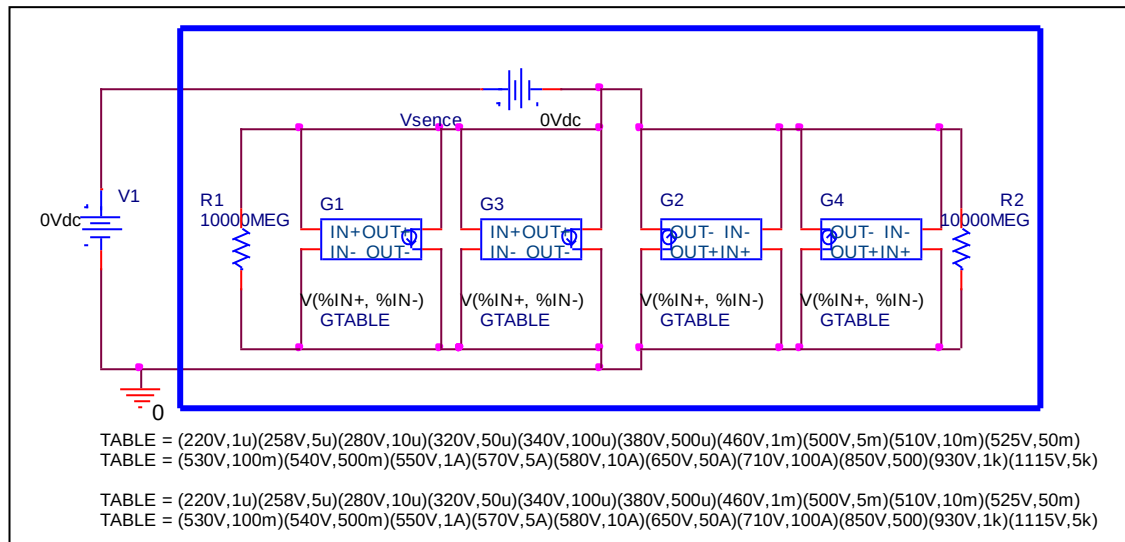
COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZV20D431
MANUFACTURER: Panasonic



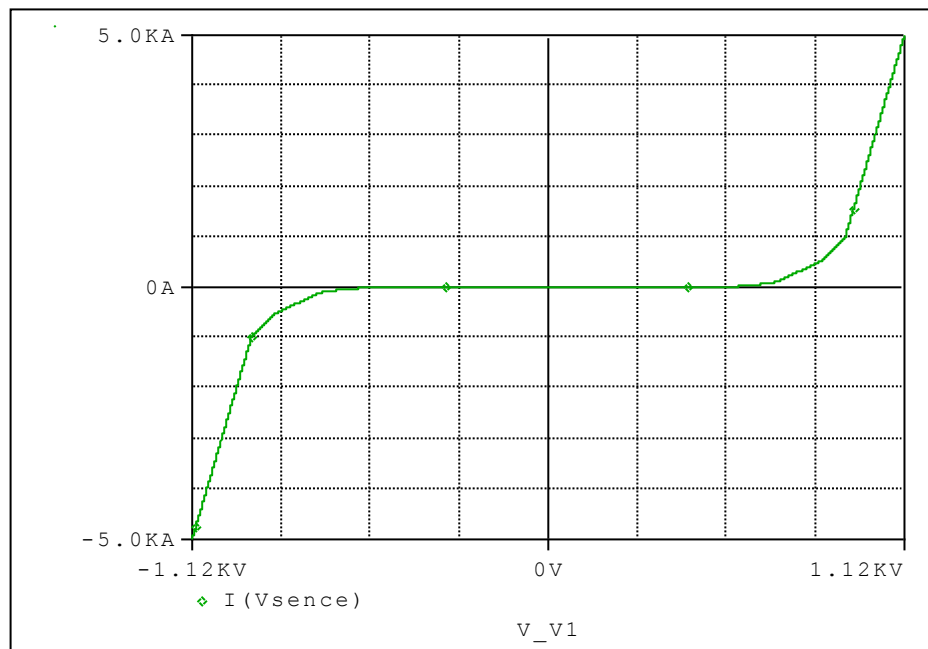
Bee Technologies Inc.

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	220.000	225.160	2.345
5.00E-06	258.000	262.160	1.612
1.00E-05	280.000	280.940	0.336
5.00E-05	320.000	320.370	0.116
1.00E-04	340.000	340.090	0.026
5.00E-04	380.000	380.140	0.037
1.00E-03	460.000	460.000	0.000
5.00E-03	500.000	500.000	0.000
1.00E-02	510.000	510.000	0.000
5.00E-02	525.000	526.300	0.248
1.00E-01	531.000	531.250	0.047
5.00E-01	540.000	541.000	0.185
1.00E+00	550.000	550.250	0.045
5.00E+00	570.000	570.100	0.018
1.00E+01	580.000	580.080	0.014
5.00E+01	650.000	650.060	0.009
1.00E+02	710.000	710.000	0.000
5.00E+02	850.000	850.000	0.000
1.00E+03	930.000	930.000	0.000
5.00E+03	1115.000	1115.000	0.000

Comparison Graph

Circuit Simulation Result

