

Device Modeling Report

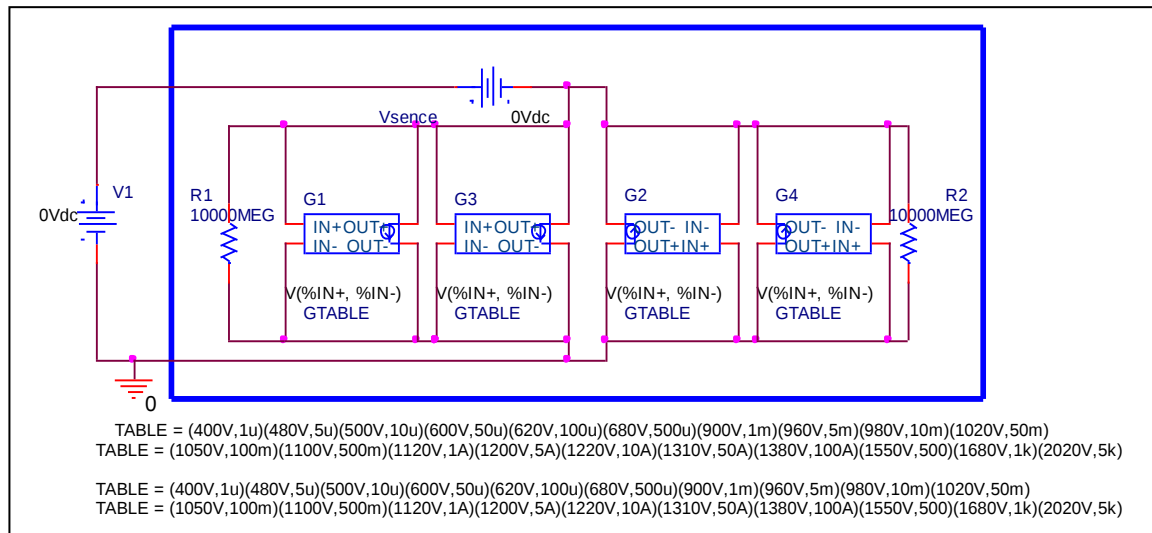
COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZV20D821
MANUFACTURER: Panasonic



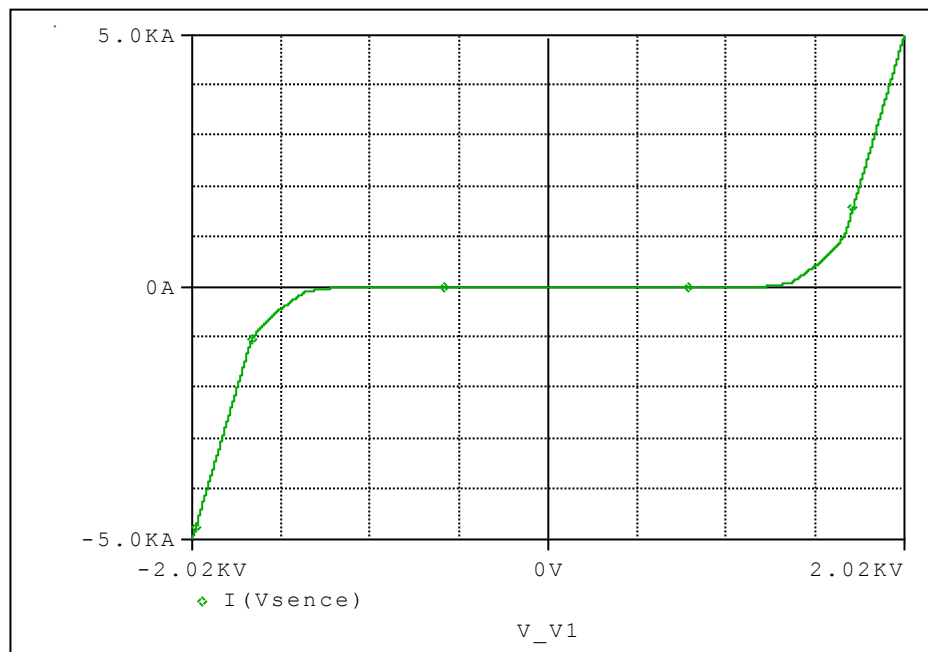
Bee Technologies Inc.

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	400.000	418.290	4.573
5.00E-06	480.000	483.600	0.750
1.00E-05	500.000	502.240	0.448
5.00E-05	600.000	600.350	0.058
1.00E-04	620.000	620.130	0.021
5.00E-04	680.000	680.370	0.054
1.00E-03	900.000	900.010	0.001
5.00E-03	960.000	960.010	0.001
1.00E-02	980.000	980.000	0.000
5.00E-02	1020.000	1020.000	0.000
1.00E-01	1050.000	1056.300	0.600
5.00E-01	1100.000	1102.000	0.182
1.00E+00	1120.000	1121.000	0.089
5.00E+00	1200.000	1200.200	0.017
1.00E+01	1220.000	1220.100	0.008
5.00E+01	1310.000	1310.100	0.008
1.00E+02	1380.000	1380.000	0.000
5.00E+02	1550.000	1550.000	0.000
1.00E+03	1680.000	1680.000	0.000
5.00E+03	2020.000	2020.000	0.000

Comparison Graph

Circuit Simulation Result

