

Device Modeling Report

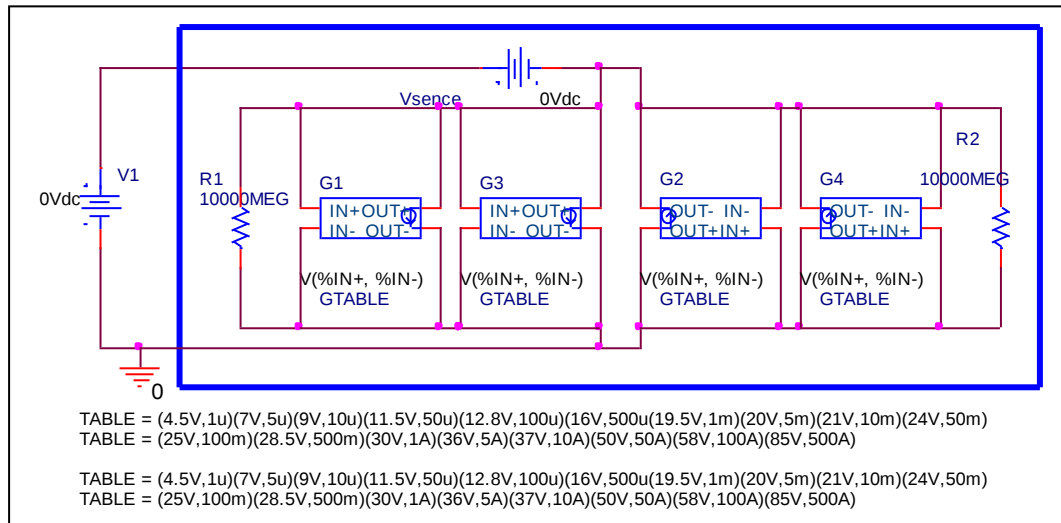
COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZV09D180
MANUFACTURER: Panasonic



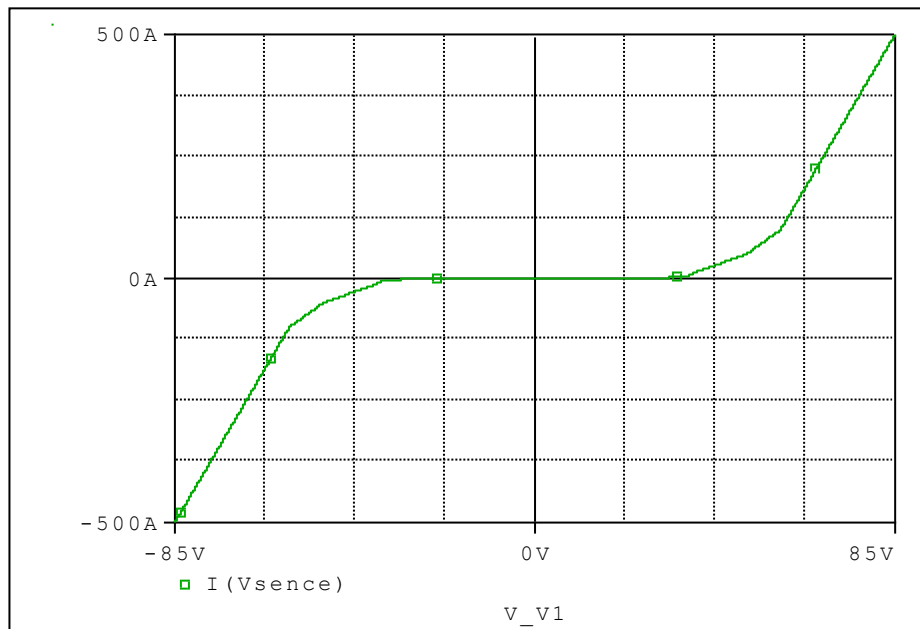
Bee Technologies Inc.

ZNR Transient /Surge Absorber

Evaluation Circuit



Circuit Simulation Result



ZNR Transient /Surge Absorber

Simulation Result

IFwd(A)	VFwd (V)		%Error
	Measurement	Simulation	
1.00E-06	4.500	4.700	4.444
5.00E-06	7.000	7.300	4.286
1.00E-05	9.000	9.000	0.000
5.00E-05	11.500	11.500	0.000
1.00E-04	12.800	12.800	0.000
5.00E-04	16.000	16.000	0.000
1.00E-03	19.500	19.400	-0.513
5.00E-03	20.000	20.000	0.000
1.00E-02	21.000	20.900	-0.476
5.00E-02	24.000	24.000	0.000
1.00E-01	25.000	25.400	1.600
5.00E-01	28.500	28.600	0.351
1.00E+00	30.000	30.000	0.000
5.00E+00	36.000	36.000	0.000
1.00E+01	37.000	37.000	0.000
5.00E+01	50.000	49.900	-0.200
1.00E+02	58.000	58.000	0.000
5.00E+02	85.000	85.000	0.000

Comparison Graph

Circuit Simulation Result

