

Device Modeling Report

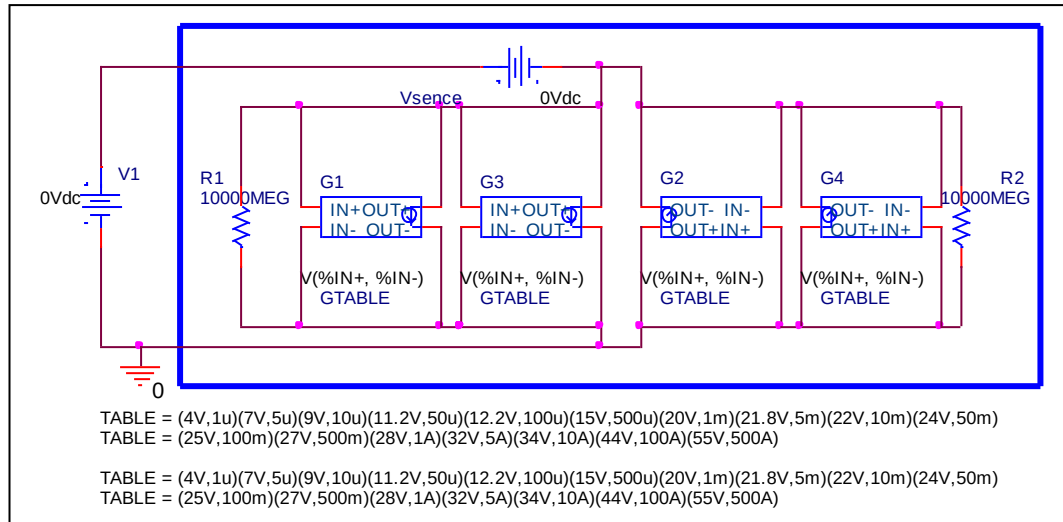
COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZV20D180
MANUFACTURER: Panasonic



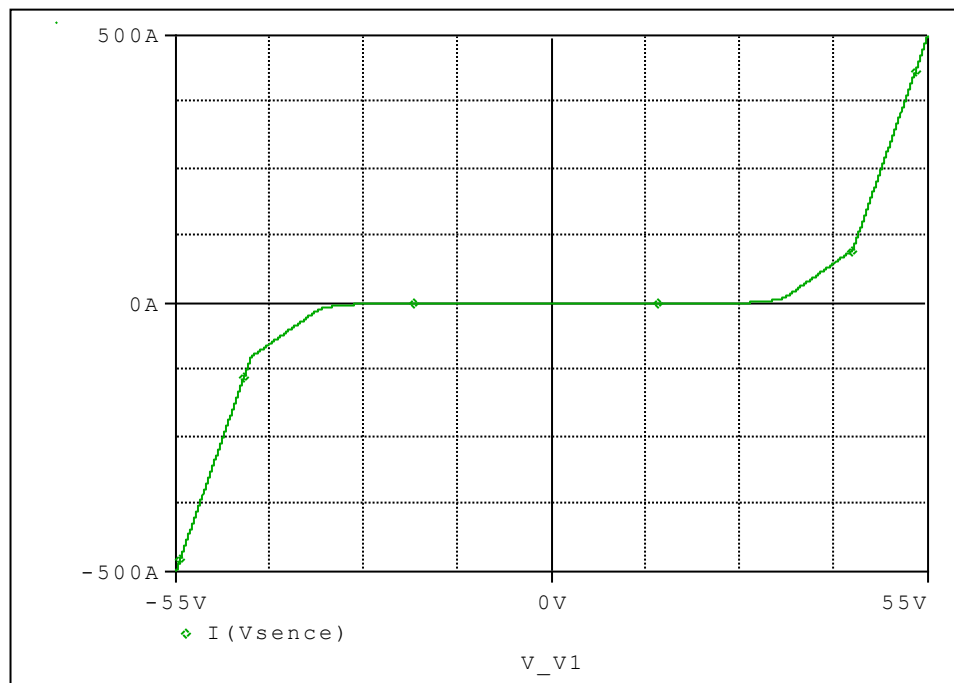
Bee Technologies Inc.

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	4.000	4.150	3.750
5.00E-06	7.000	7.300	4.286
1.00E-05	9.000	9.000	0.000
5.00E-05	11.200	11.200	0.000
1.00E-04	12.200	12.200	0.000
5.00E-04	15.000	15.000	0.000
1.00E-03	20.000	20.000	0.000
5.00E-03	21.800	21.700	0.459
1.00E-02	22.000	22.000	0.000
5.00E-02	24.000	24.000	0.000
1.00E-01	25.000	25.200	0.800
5.00E-01	27.000	27.100	0.370
1.00E+00	28.000	28.000	0.000
5.00E+00	32.000	32.000	0.000
1.00E+01	34.000	34.000	0.000
1.00E+02	44.000	43.900	0.227
5.00E+02	55.000	55.000	0.000

Comparison Graph

Circuit Simulation Result

