

Device Modeling Report

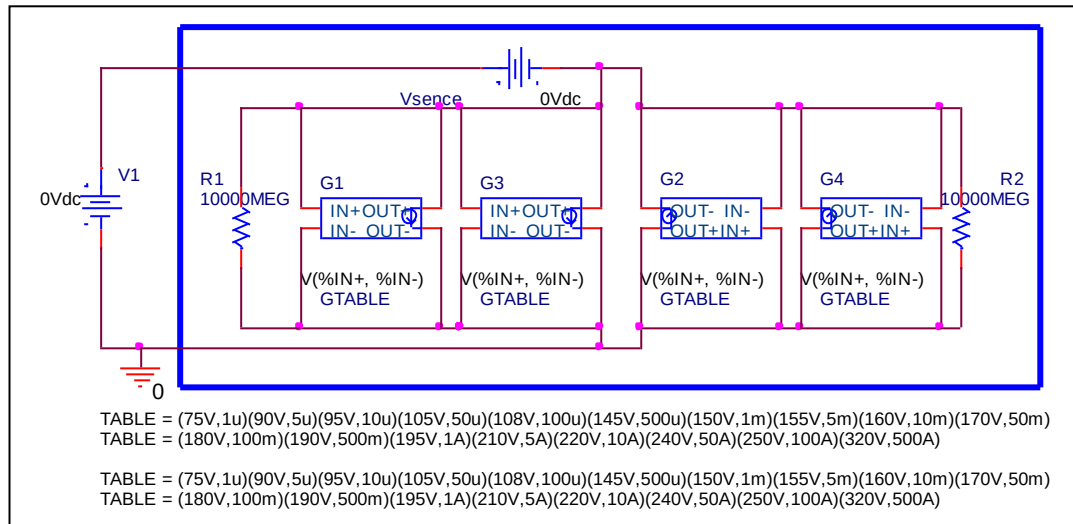
COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZV05D121
MANUFACTURER: Panasonic



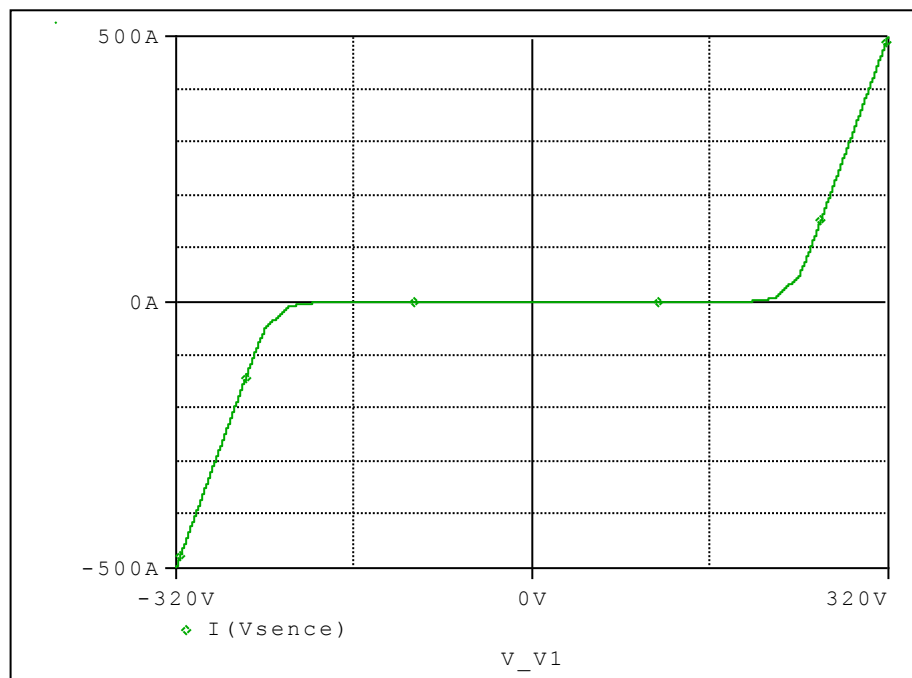
Bee Technologies Inc.

Transient /Surge Absorber

Evaluation Circuit



Circuit Simulation Result



ZNR Transient /Surge Absorber

Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	75.000	78.600	4.800
5.00E-06	90.000	90.900	1.000
1.00E-05	95.000	95.200	0.211
5.00E-05	105.000	105.000	0.000
1.00E-04	108.000	108.000	0.000
5.00E-04	145.000	145.100	0.069
1.00E-03	150.000	150.000	0.000
5.00E-03	155.000	154.900	0.065
1.00E-02	160.000	160.000	0.000
5.00E-02	170.000	170.100	0.059
1.00E-01	180.000	180.000	0.000
5.00E-01	190.000	190.000	0.000
1.00E+00	195.000	195.000	0.000
5.00E+00	210.000	210.100	0.048
1.00E+01	220.000	220.000	0.000
5.00E+01	240.000	240.000	0.000
1.00E+02	250.000	250.000	0.000
5.00E+02	320.000	320.000	0.000

Comparison Graph

