

Device Modeling Report

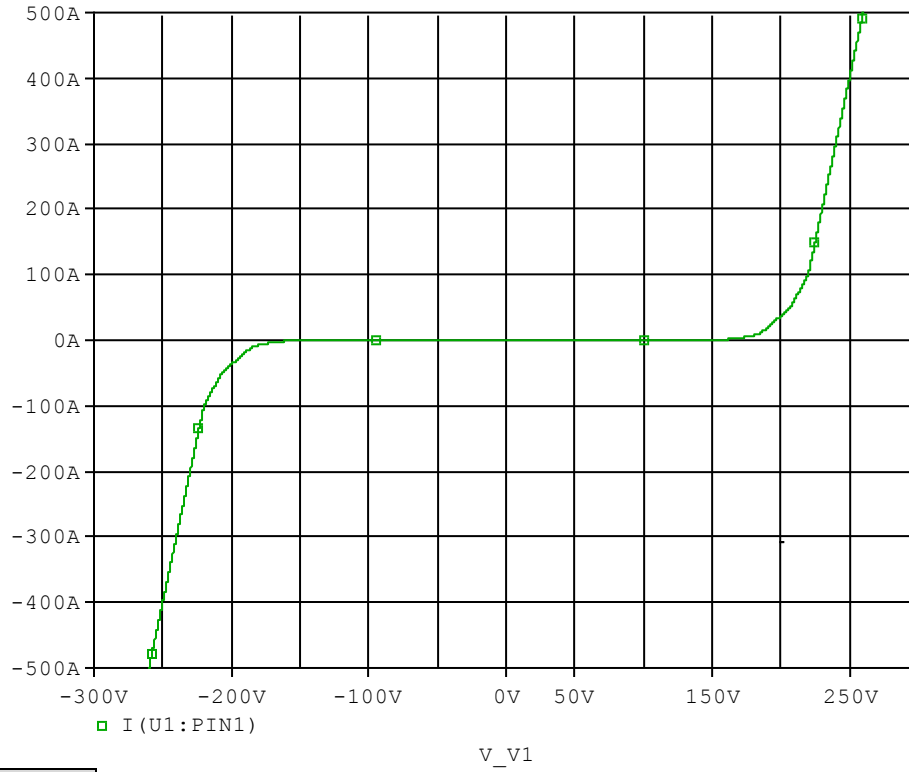
COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZV05D101
MANUFACTURER: Panasonic



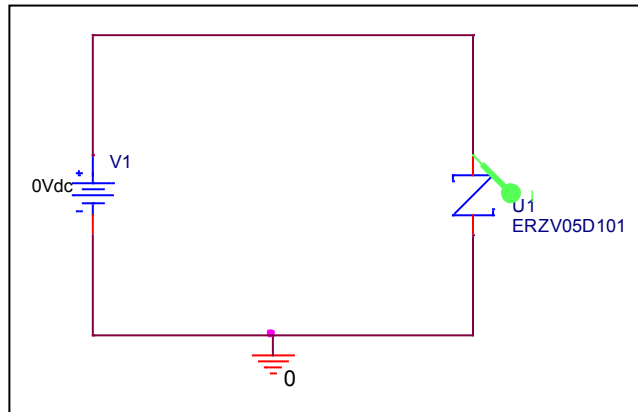
Bee Technologies Inc.

ZNR Transient /Surge Absorber

Circuit Simulation Result

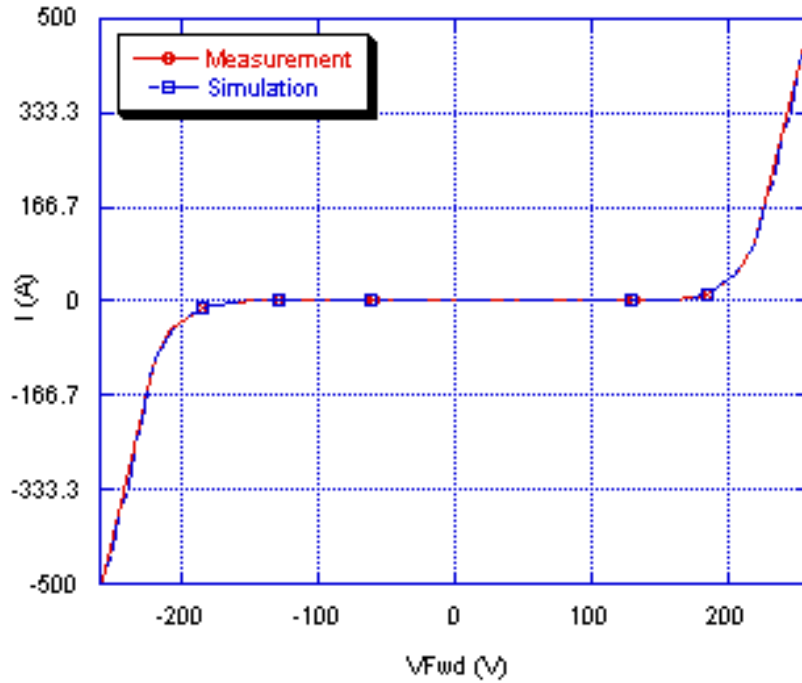


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	60.000	62.500	4.167
5.00E-06	70.000	70.900	1.286
1.00E-05	75.000	75.200	0.267
5.00E-05	85.000	85.200	0.235
1.00E-04	90.000	90.100	0.111
5.00E-04	120.000	119.700	0.250
1.00E-03	125.000	125.000	0.000
5.00E-03	130.000	129.800	0.154
1.00E-02	140.000	140.100	0.071
5.00E-02	145.000	145.000	0.000
1.00E-01	150.000	149.900	0.067
5.00E-01	155.000	155.000	0.000
1.00E+00	160.000	160.000	0.000
5.00E+00	175.000	175.000	0.000
1.00E+01	185.000	185.100	0.054
5.00E+01	207.000	206.800	0.097
1.00E+02	220.000	220.000	0.000
5.00E+02	260.000	260.000	0.000