

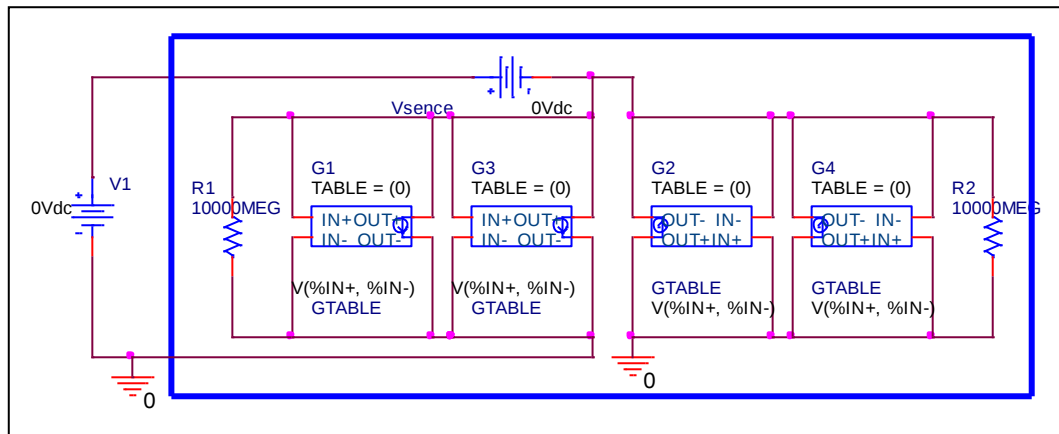
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC32EK511
MANUFACTURER: Panasonic



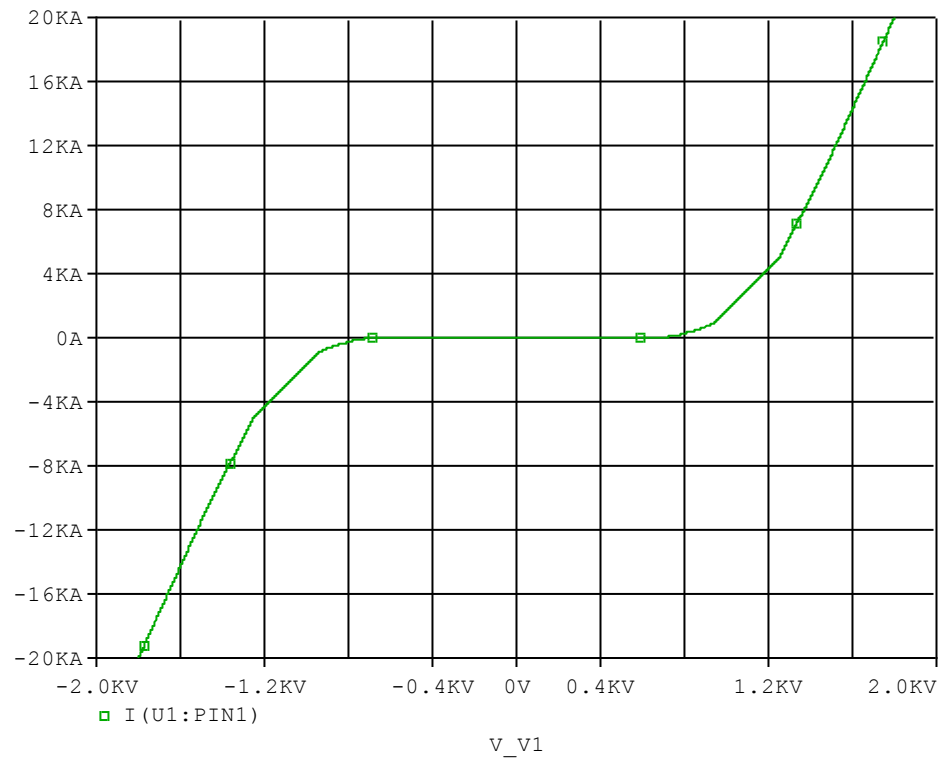
Bee Technologies Inc.

Equivalent Circuit

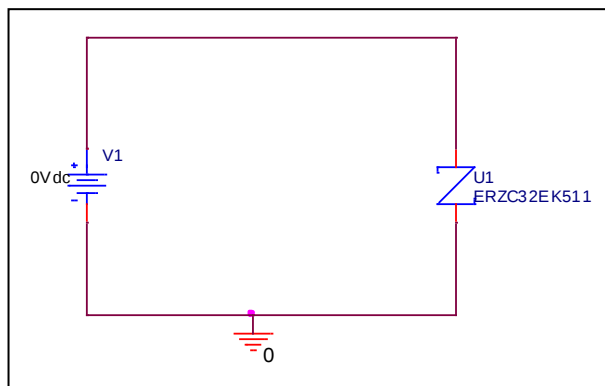


ZNR Transient /Surge Absorber

Circuit Simulation Result

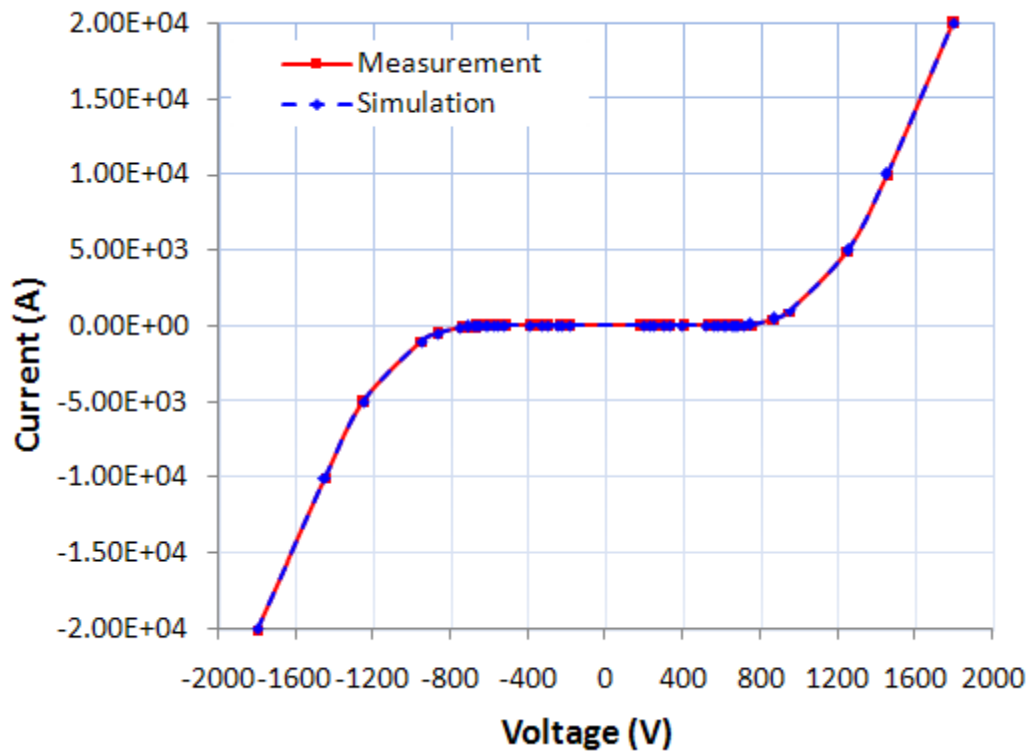


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	185.000	193.804	4.759
1.00E-05	245.000	246.340	0.547
1.00E-04	330.000	330.157	0.048
1.00E-03	520.000	520.010	0.002
1.00E-02	580.000	580.001	0.000
1.00E-01	620.000	620.000	0.000
1.00E+00	660.000	660.000	0.000
1.00E+01	680.000	680.438	0.064
1.00E+02	750.000	750.150	0.020
1.00E+03	950.000	950.038	0.004
1.00E+04	1450.000	1450.000	0.000
2.00E+04	1800.000	1800.000	0.000