

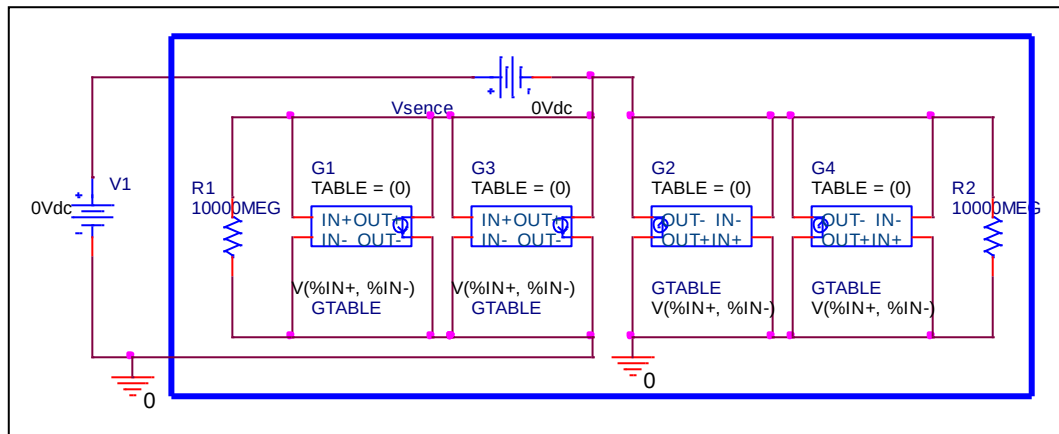
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC32EK361
MANUFACTURER: Panasonic



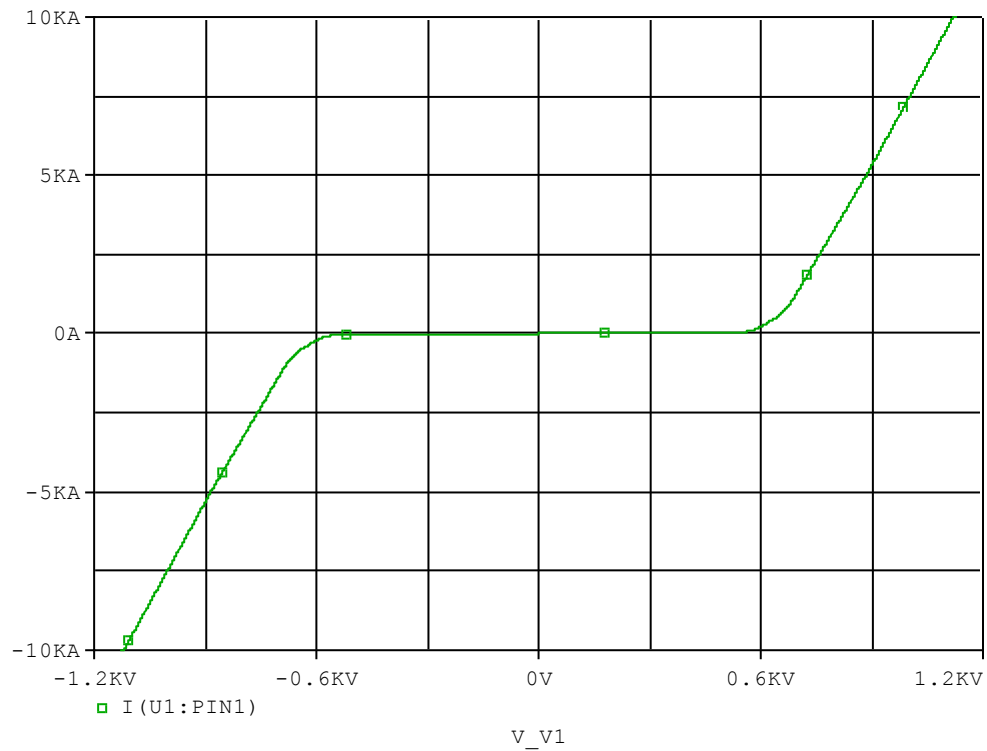
Bee Technologies Inc.

Equivalent Circuit

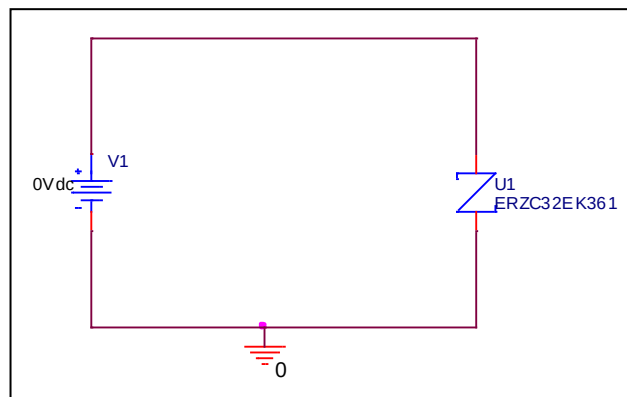


ZNR Transient /Surge Absorber

Circuit Simulation Result

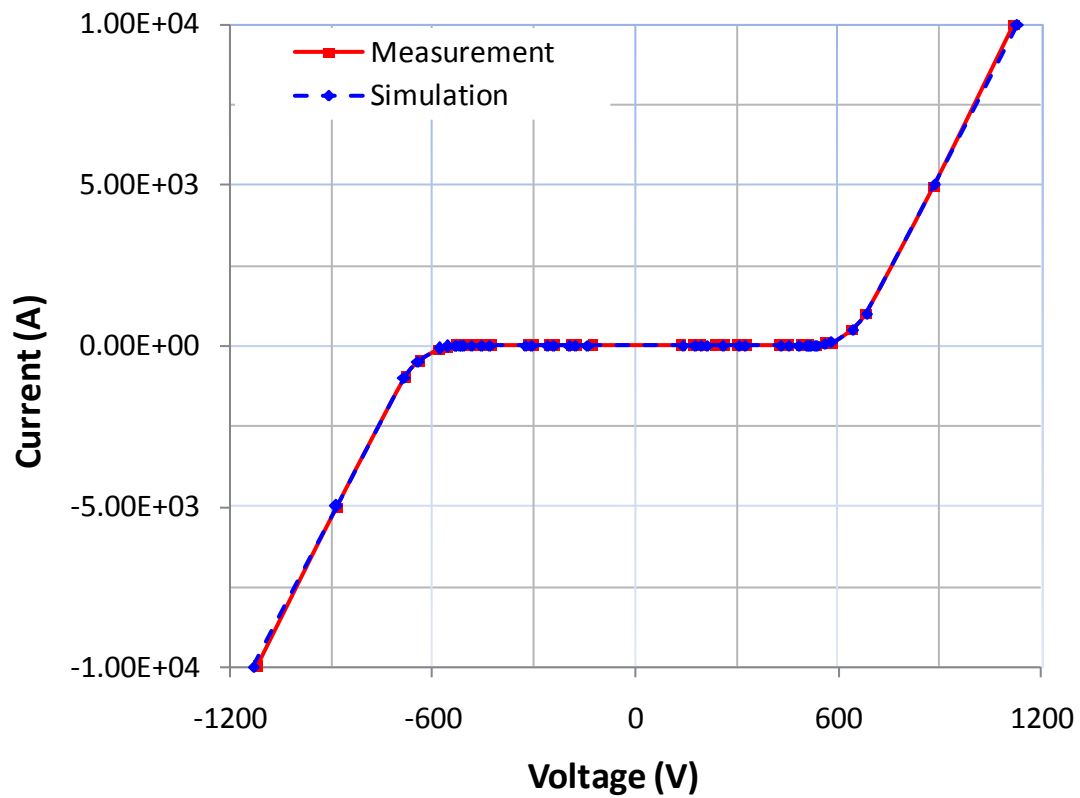


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
5.00E-06	175.000	178.533	2.019
1.00E-05	193.000	194.151	0.596
1.00E-04	260.000	260.110	0.042
1.00E-03	325.000	325.025	0.008
1.00E-02	453.000	453.001	0.000
1.00E-01	495.000	510.000	3.030
1.00E+00	517.000	518.300	0.251
1.00E+01	535.000	535.230	0.043
1.00E+02	580.000	580.063	0.011
1.00E+03	683.000	683.020	0.003
1.00E+04	1120.000	1129.700	0.866