

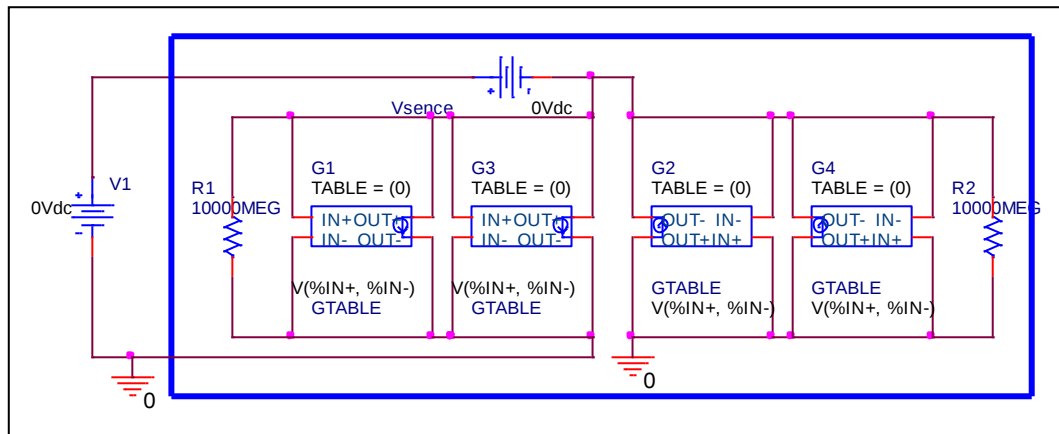
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK911
MANUFACTURER: Panasonic



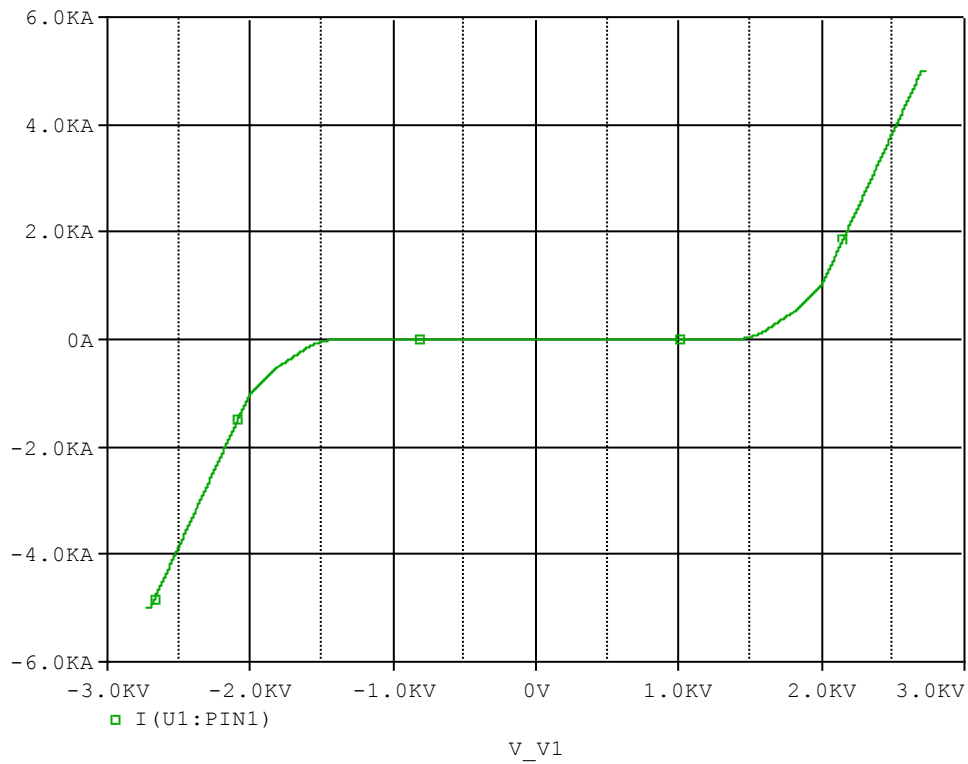
Bee Technologies Inc.

Equivalent Circuit

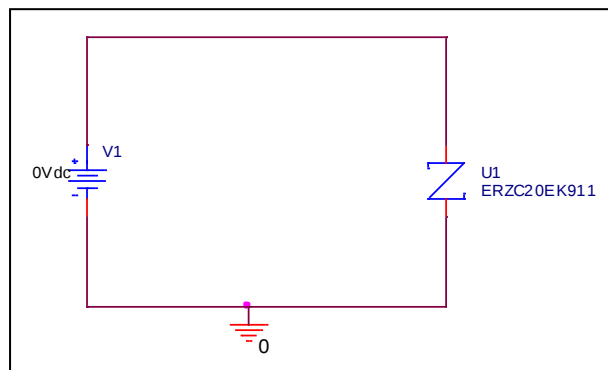


ZNR Transient /Surge Absorber

Circuit Simulation Result

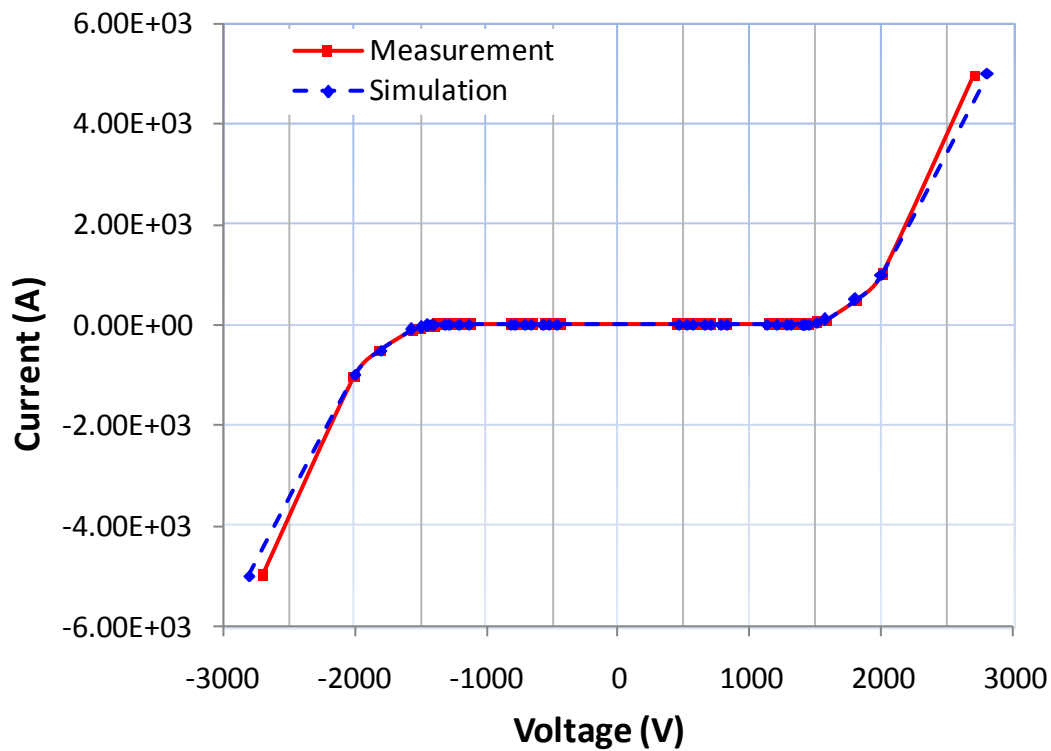


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	440.000	457.857	4.058
1.00E-05	563.000	565.235	0.397
1.00E-04	700.000	700.185	0.026
1.00E-03	820.000	820.071	0.009
1.00E-02	1200.000	1200.000	0.000
1.00E-01	1310.000	1310.000	0.000
1.00E+00	1400.000	1402.500	0.179
1.00E+01	1445.000	1445.700	0.048
1.00E+02	1570.000	1570.300	0.019
1.00E+03	2000.000	2000.100	0.005
5.00E+03	2700.000	2800.000	3.704