

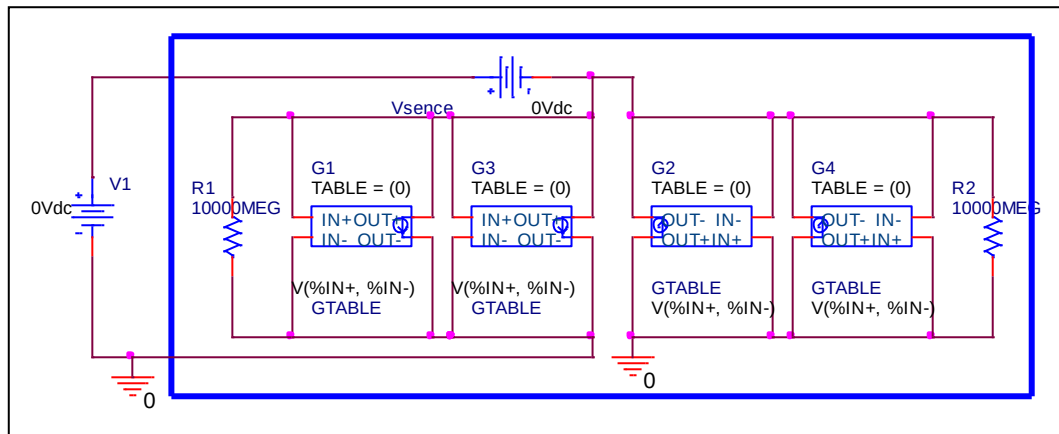
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC32EK681
MANUFACTURER: Panasonic



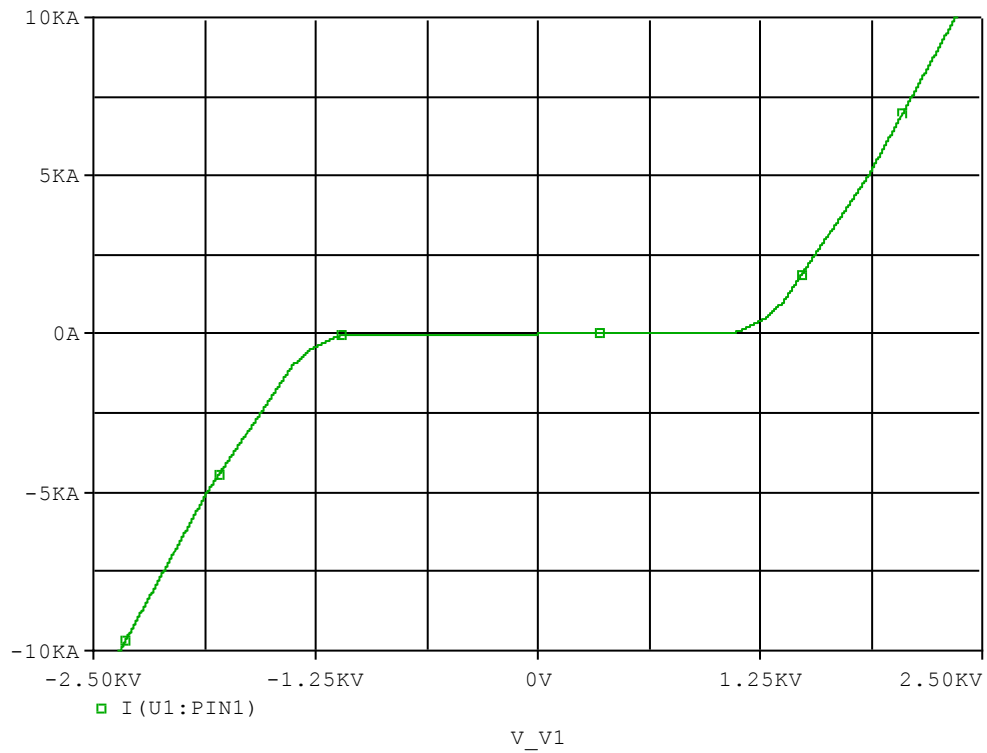
Bee Technologies Inc.

Equivalent Circuit

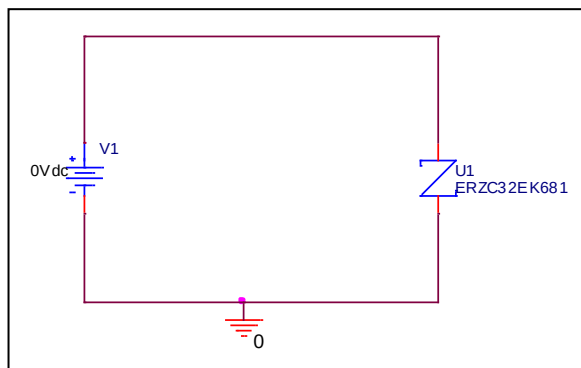


ZNR Transient /Surge Absorber

Circuit Simulation Result

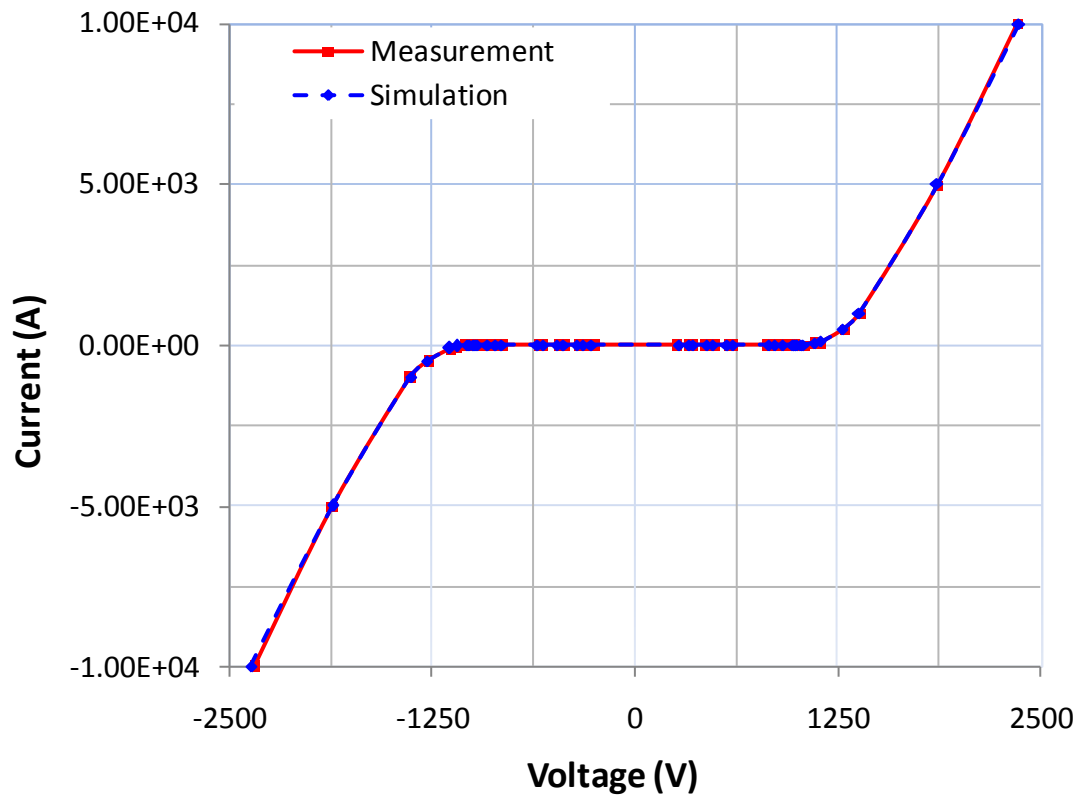


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
5.00E-06	320.000	326.762	2.113
1.00E-05	355.000	356.998	0.563
1.00E-04	480.000	480.214	0.045
1.00E-03	600.000	600.052	0.009
1.00E-02	860.000	860.001	0.000
1.00E-01	930.000	975.000	4.839
1.00E+00	993.000	995.700	0.272
1.00E+01	1037.000	1037.600	0.058
1.00E+02	1140.000	1140.100	0.009
1.00E+03	1380.000	1380.100	0.007
1.00E+04	2350.000	2364.900	0.634