

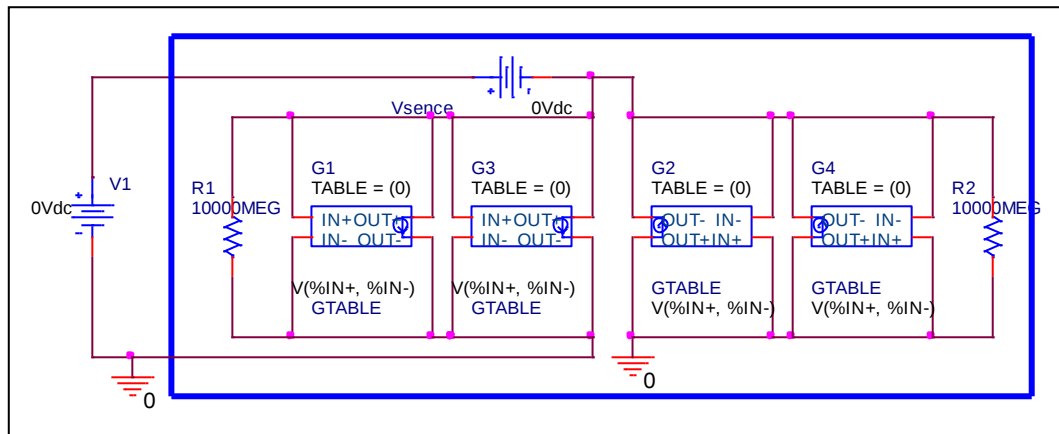
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC32EK911
MANUFACTURER: Panasonic



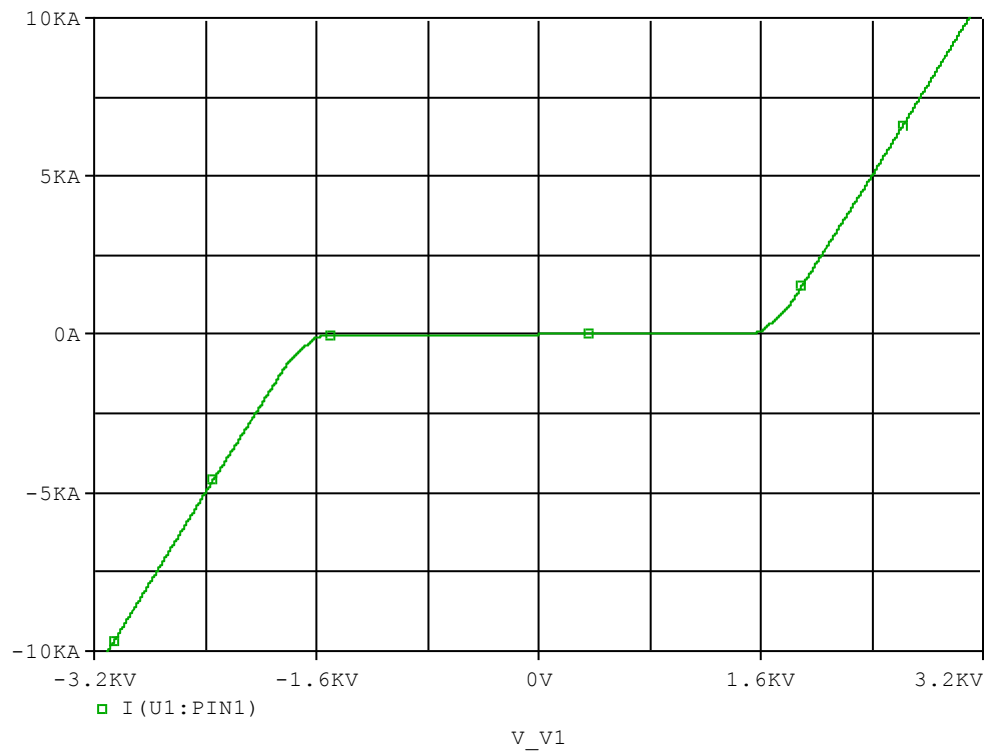
Bee Technologies Inc.

Equivalent Circuit

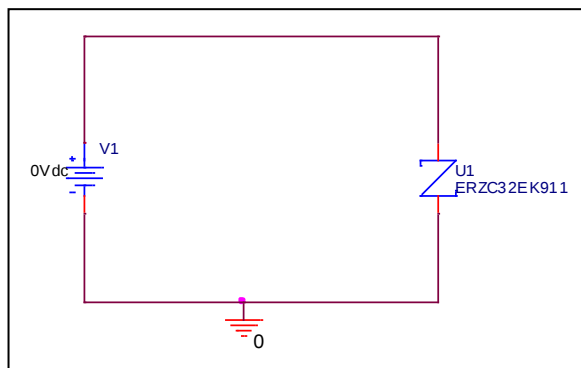


ZNR Transient /Surge Absorber

Circuit Simulation Result

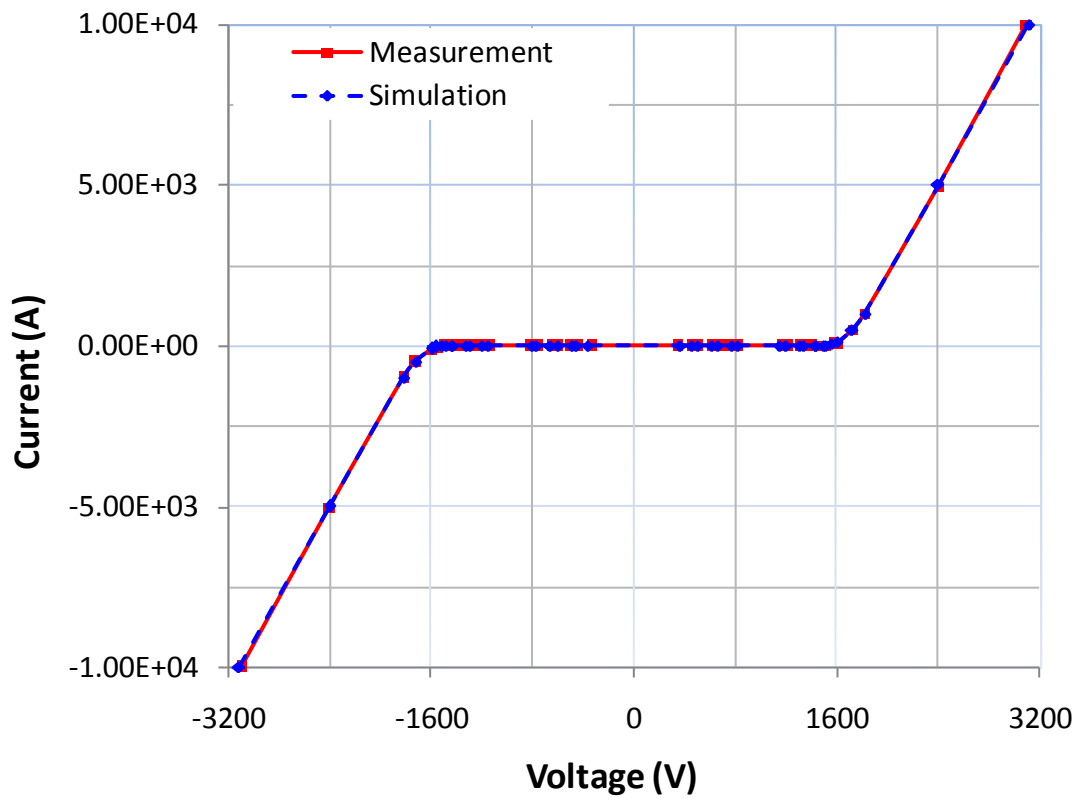


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
5.00E-06	445.000	454.147	2.056
1.00E-05	493.000	495.656	0.539
1.00E-04	660.000	660.252	0.038
1.00E-03	810.000	810.078	0.010
1.00E-02	1200.000	1200.000	0.000
1.00E-01	1330.000	1330.000	0.000
1.00E+00	1430.000	1436.900	0.483
1.00E+01	1508.000	1508.700	0.046
1.00E+02	1600.000	1600.200	0.013
1.00E+03	1820.000	1820.100	0.005
1.00E+04	3100.000	3113.500	0.435