

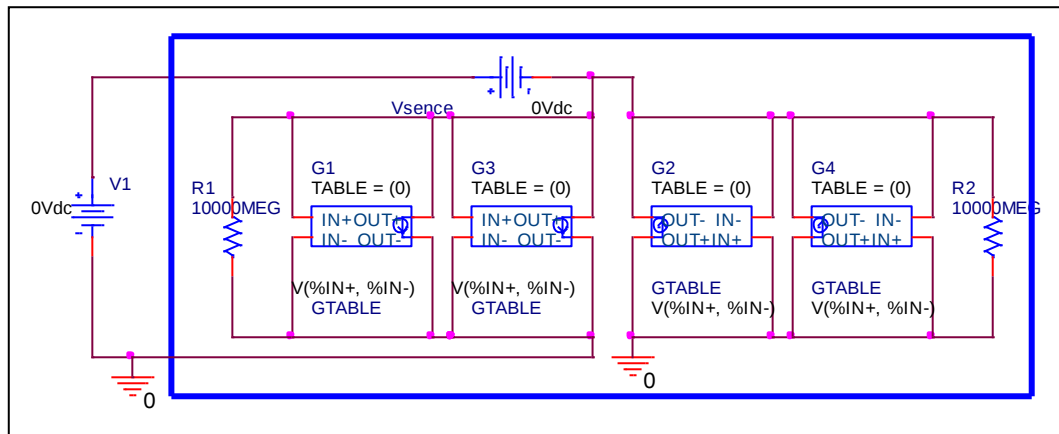
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK751
MANUFACTURER: Panasonic



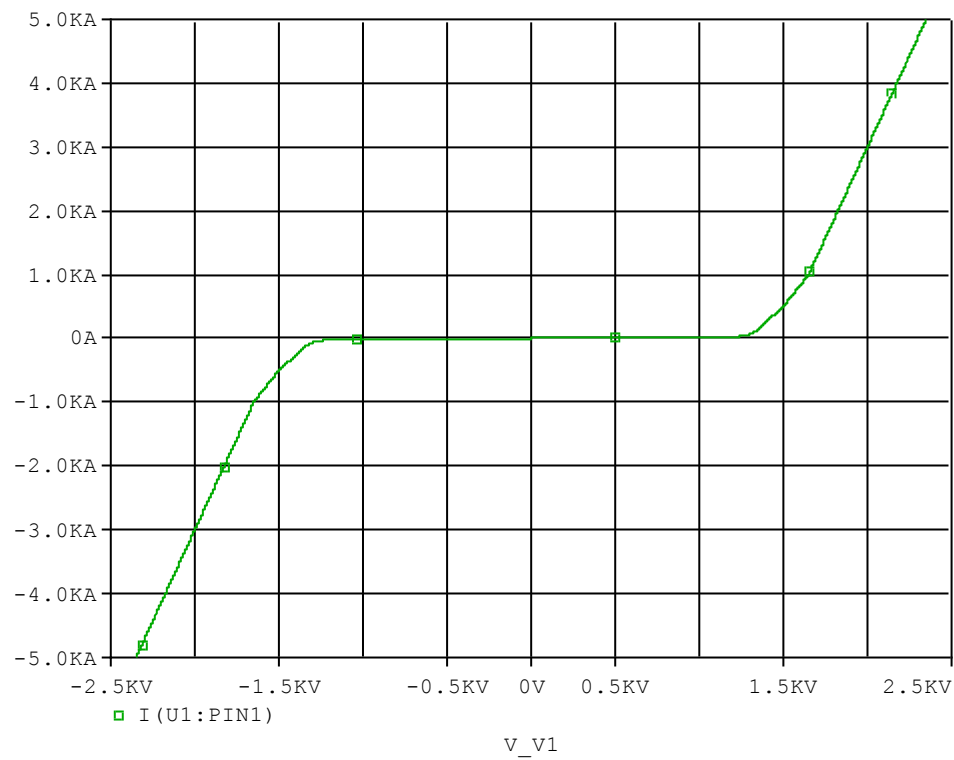
Bee Technologies Inc.

Equivalent Circuit

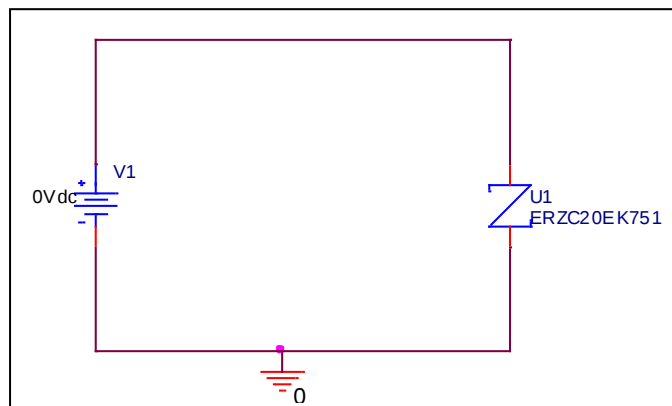


ZNR Transient /Surge Absorber

Circuit Simulation Result

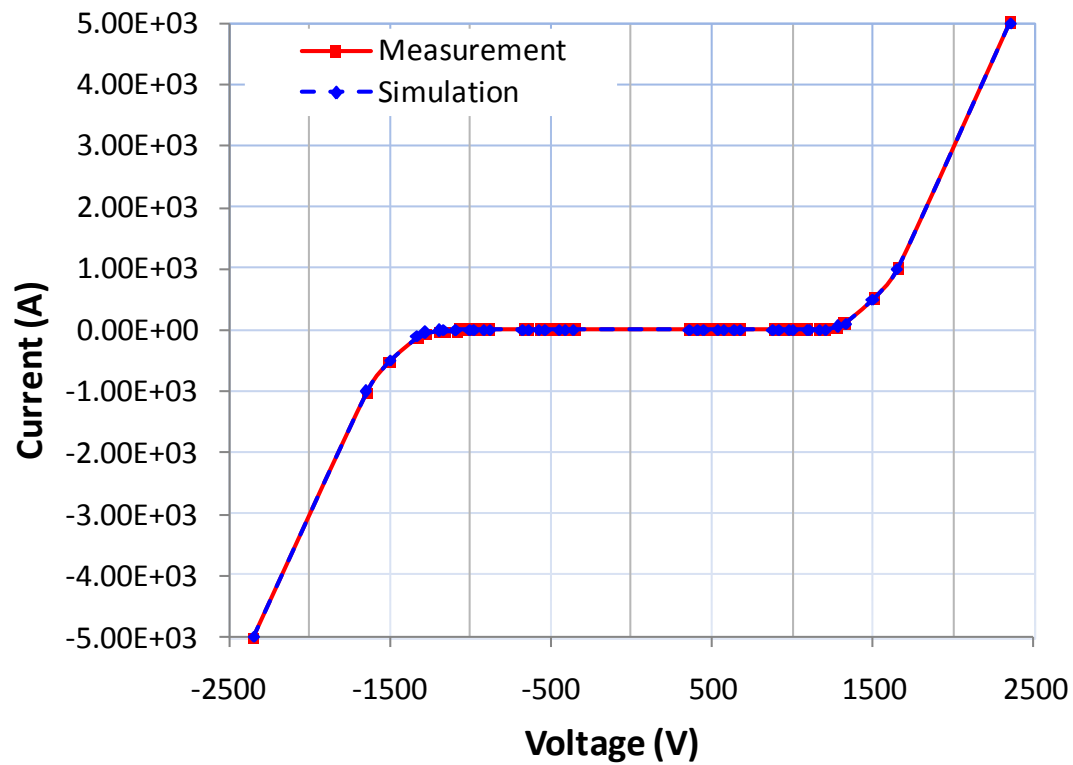


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	350.000	363.231	3.780
1.00E-05	450.000	452.025	0.450
1.00E-04	575.000	575.153	0.027
1.00E-03	675.000	675.048	0.007
1.00E-02	920.000	920.001	0.000
1.00E-01	1000.000	1000.000	0.000
1.00E+00	1090.000	1098.800	0.807
1.00E+01	1200.000	1201.000	0.083
1.00E+02	1330.000	1330.200	0.015
1.00E+03	1650.000	1650.100	0.006
5.00E+03	2350.000	2350.000	0.000