

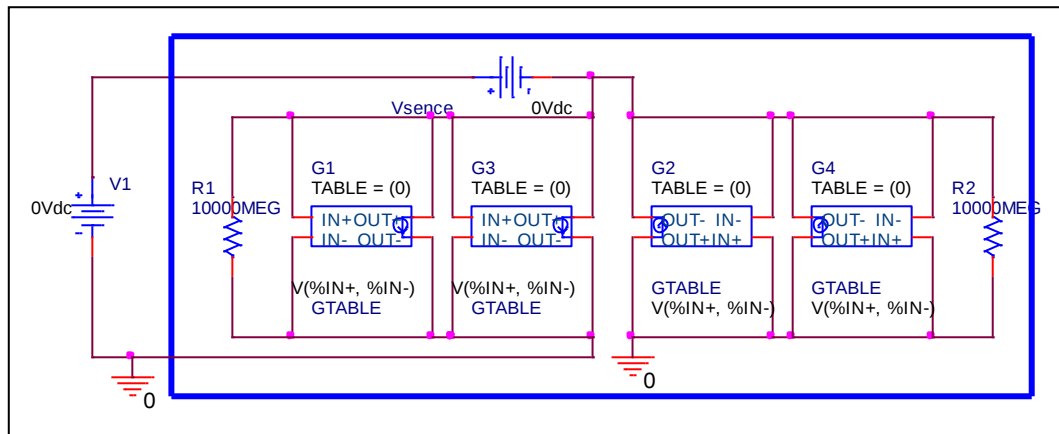
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC32EK391
MANUFACTURER: Panasonic



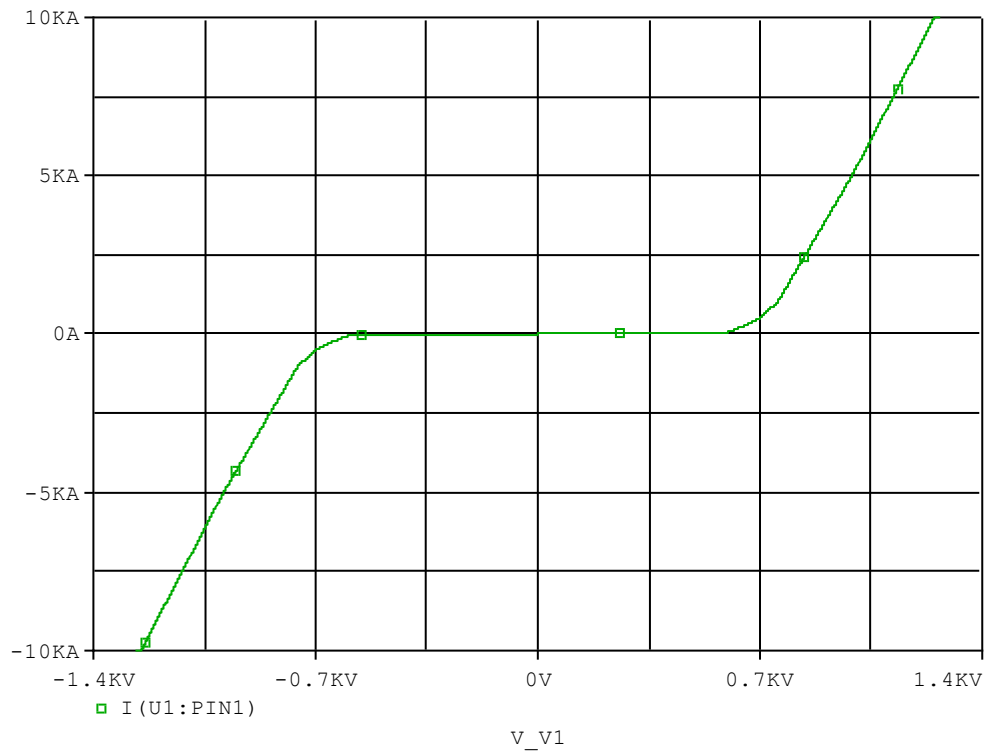
Bee Technologies Inc.

Equivalent Circuit

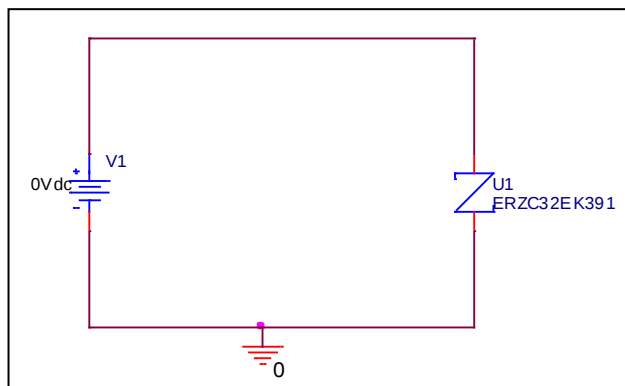


ZNR Transient /Surge Absorber

Circuit Simulation Result

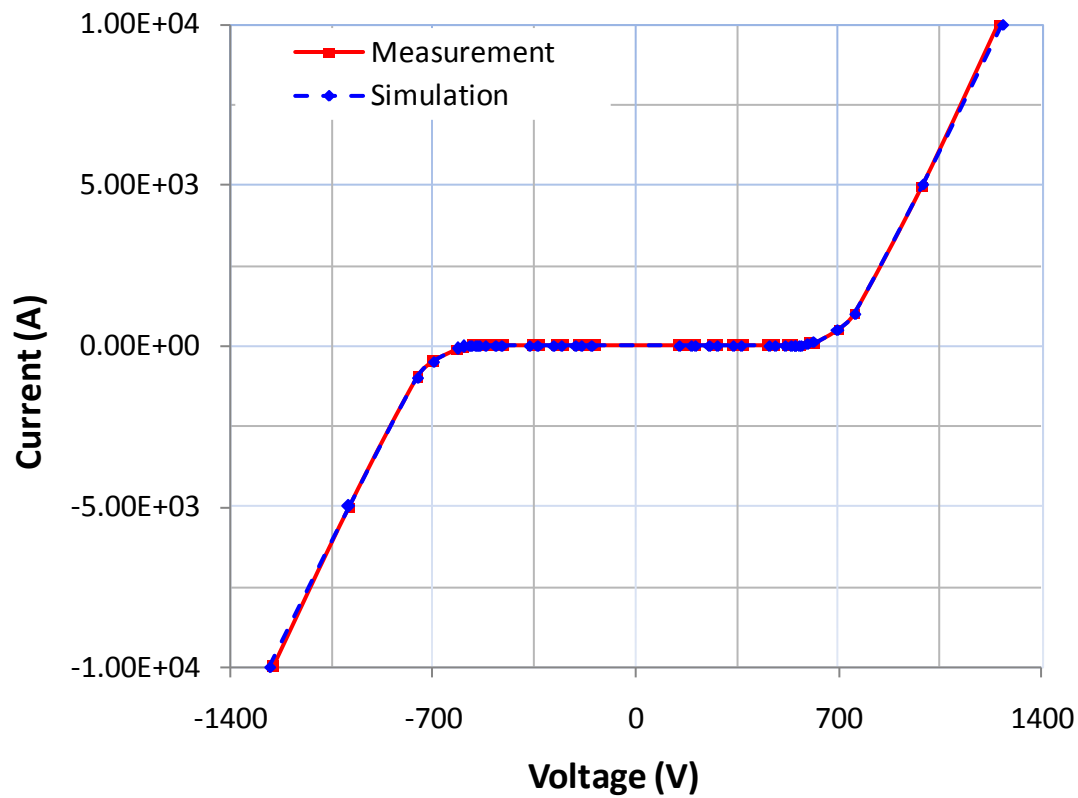


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
5.00E-06	185.000	188.921	2.119
1.00E-05	205.000	206.223	0.597
1.00E-04	280.000	280.134	0.048
1.00E-03	365.000	365.023	0.006
1.00E-02	480.000	480.001	0.000
1.00E-01	530.000	540.000	1.887
1.00E+00	550.000	551.500	0.273
1.00E+01	570.000	570.250	0.044
1.00E+02	615.000	615.083	0.013
1.00E+03	755.000	755.024	0.003
1.00E+04	1250.000	1265.000	1.200