

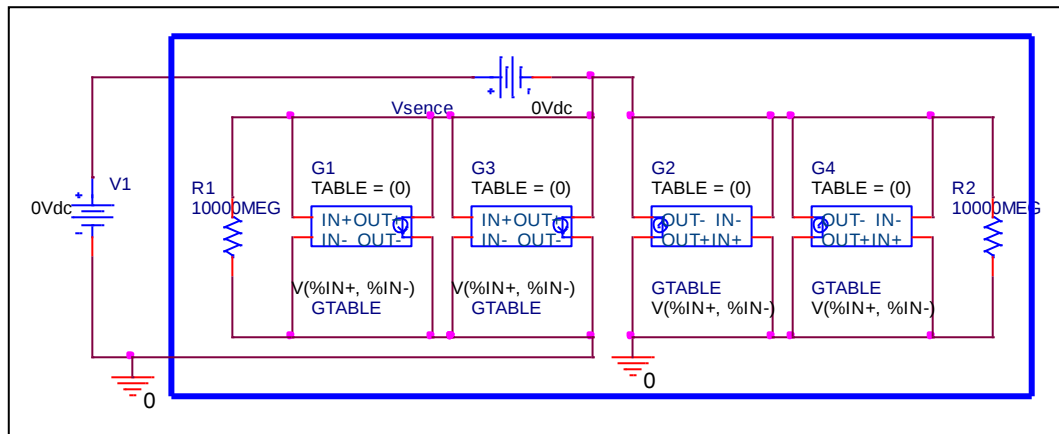
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK241
MANUFACTURER: Panasonic



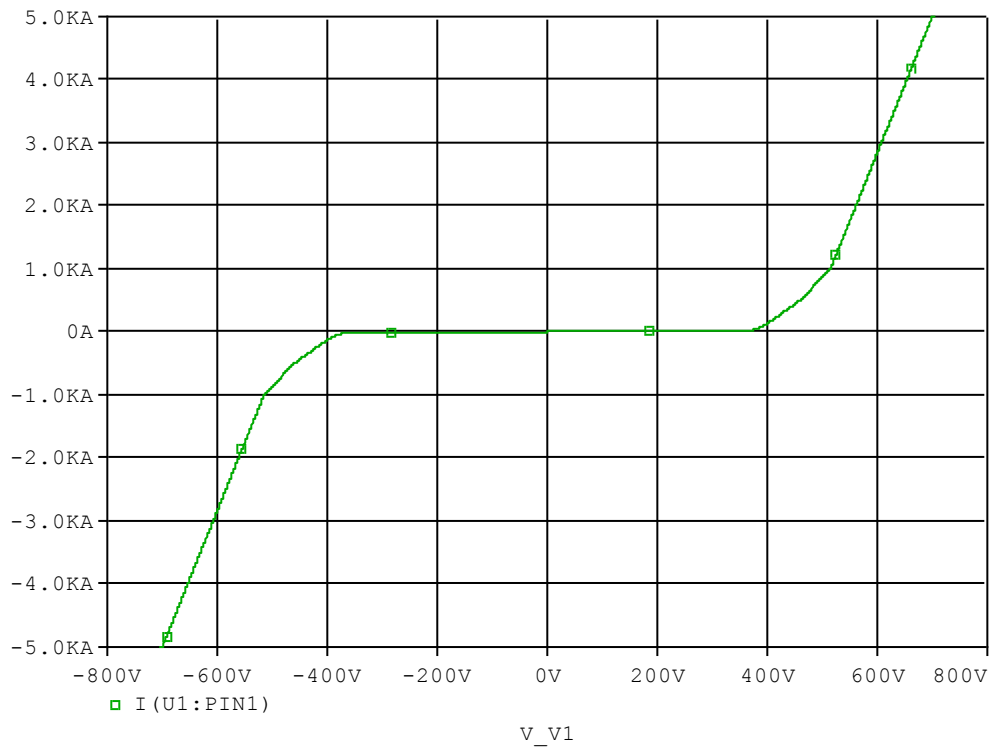
Bee Technologies Inc.

Equivalent Circuit

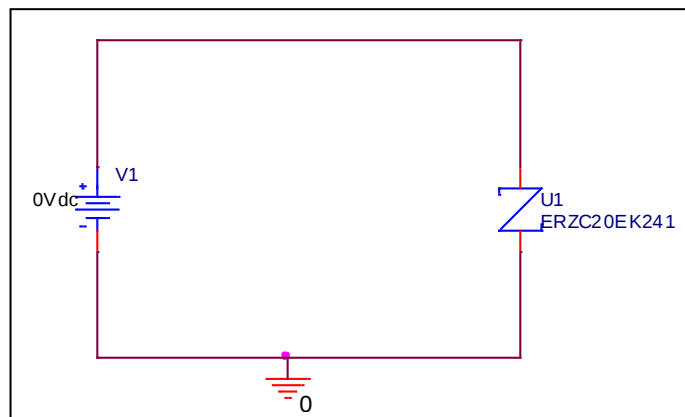


ZNR Transient /Surge Absorber

Circuit Simulation Result

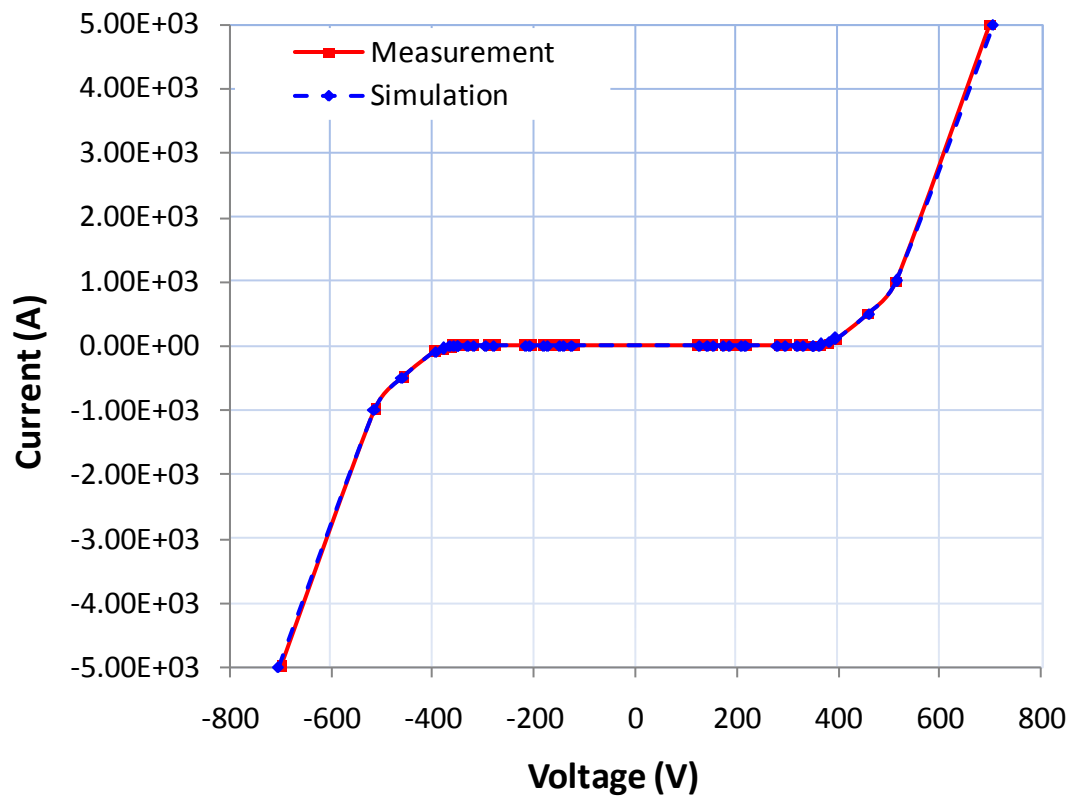


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	120.000	124.935	4.113
1.00E-05	151.000	151.541	0.358
1.00E-04	183.000	183.061	0.033
1.00E-03	218.000	218.015	0.007
1.00E-02	295.000	295.001	0.000
1.00E-01	330.000	330.000	0.000
1.00E+00	350.000	351.250	0.357
1.00E+01	365.000	365.188	0.052
1.00E+02	395.000	395.081	0.021
1.00E+03	515.000	515.023	0.004
5.00E+03	700.000	705.000	0.714