

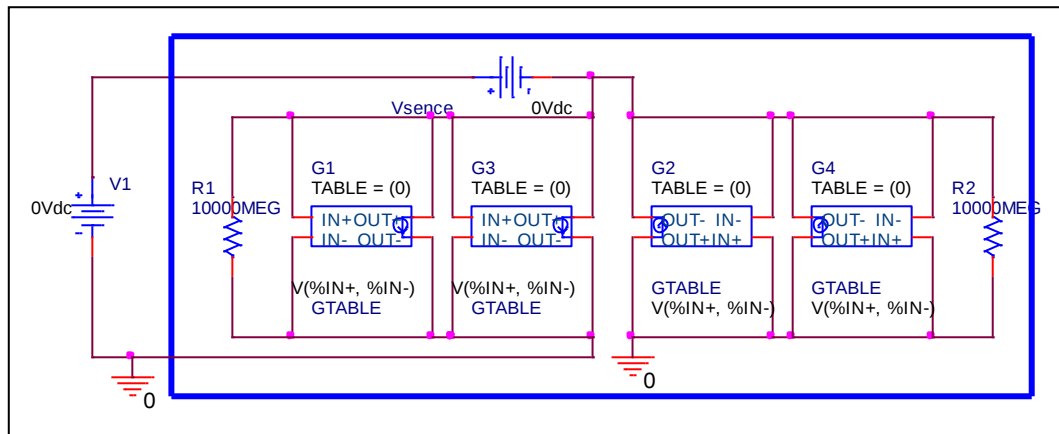
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK201
MANUFACTURER: Panasonic



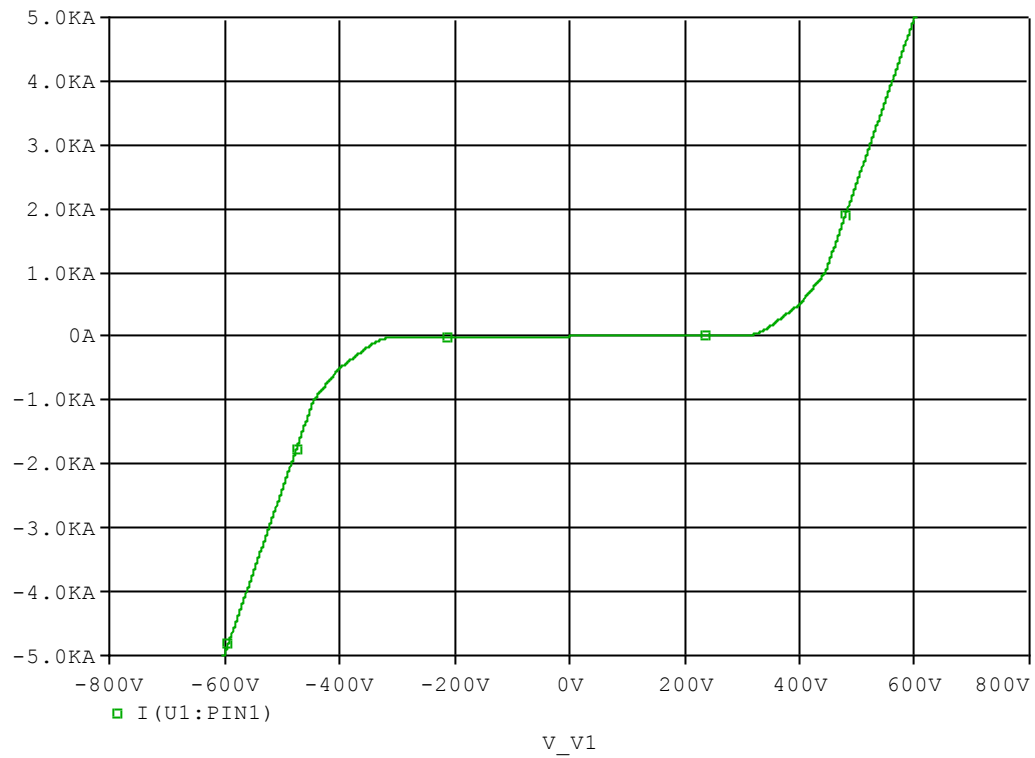
Bee Technologies Inc.

Equivalent Circuit

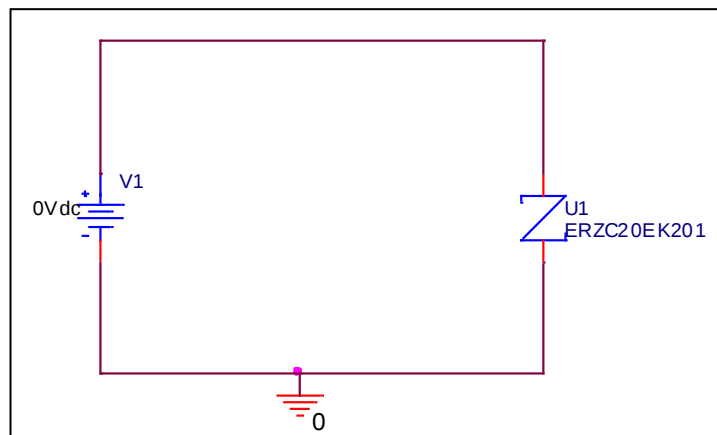


ZNR Transient /Surge Absorber

Circuit Simulation Result

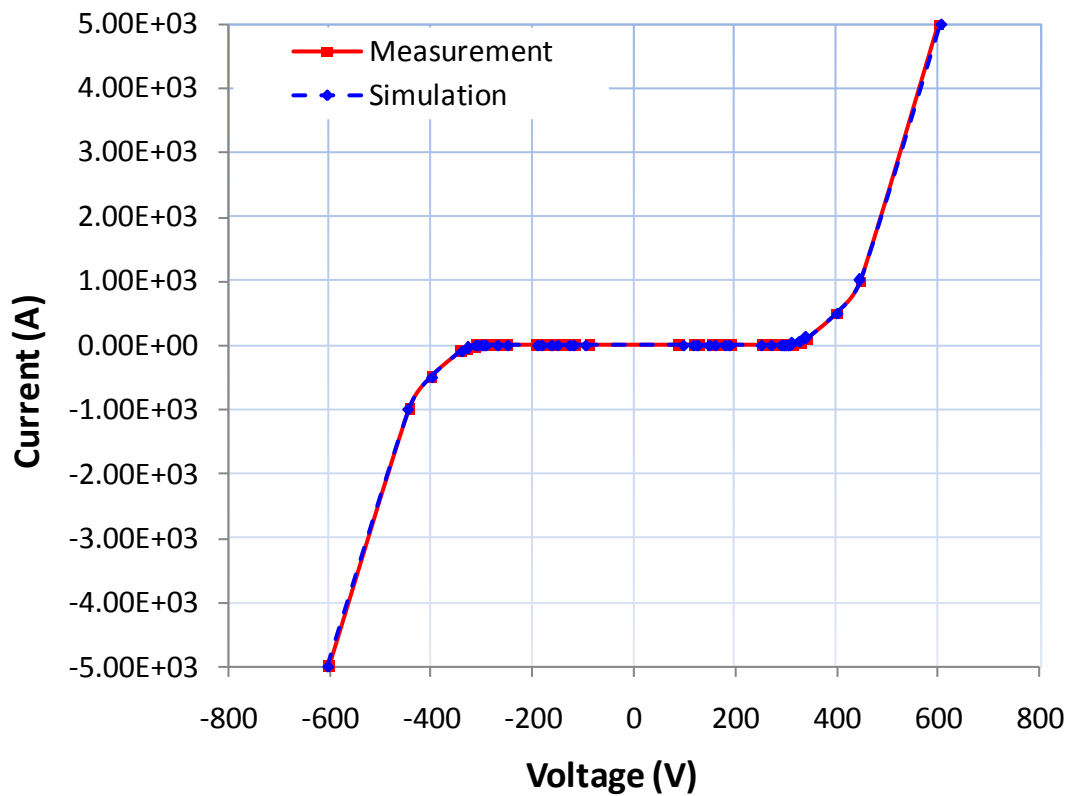


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
5.00E-06	115.000	117.371	2.062
1.00E-05	127.000	127.567	0.446
1.00E-04	160.000	160.049	0.031
1.00E-03	190.000	190.015	0.008
1.00E-02	270.000	270.001	0.000
1.00E-01	294.000	294.000	0.000
1.00E+00	300.000	301.000	0.333
1.00E+01	312.000	312.200	0.064
1.00E+02	340.000	340.075	0.022
1.00E+03	445.000	445.019	0.004
5.00E+03	600.000	604.900	0.817