

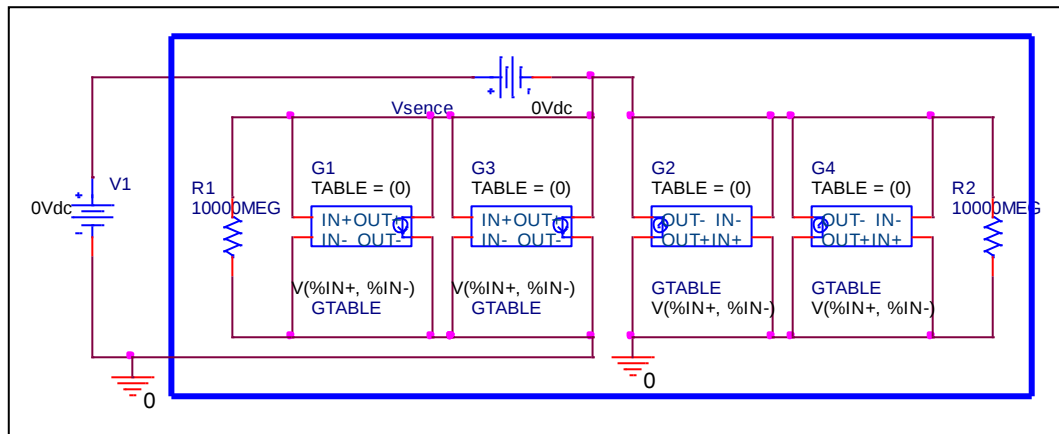
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK112
MANUFACTURER: Panasonic



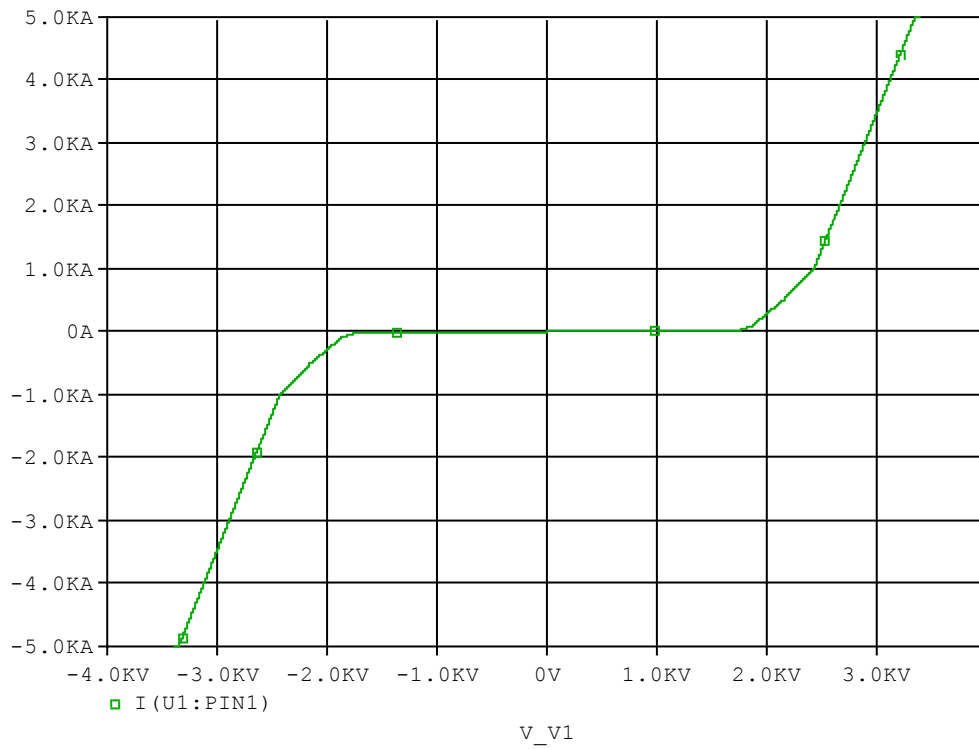
Bee Technologies Inc.

Equivalent Circuit

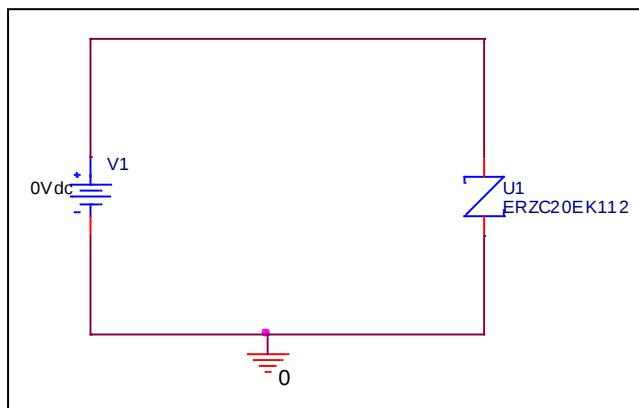


ZNR Transient /Surge Absorber

Circuit Simulation Result

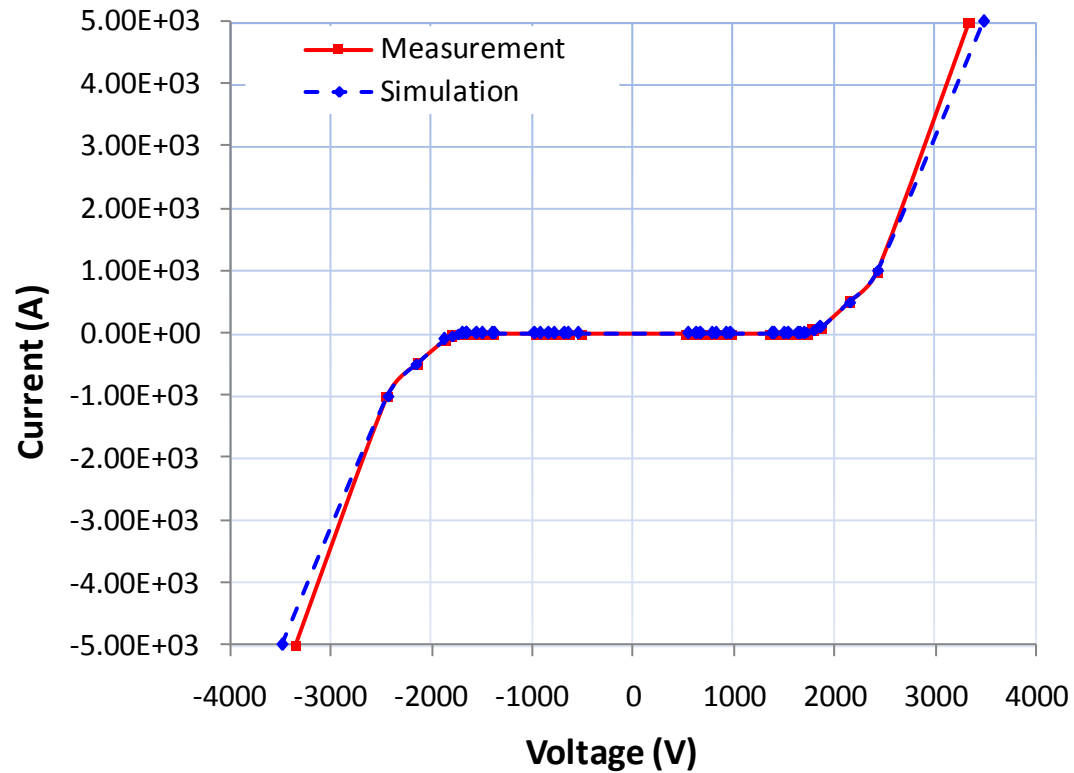


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	520.000	545.939	4.988
1.00E-05	675.000	677.440	0.361
1.00E-04	830.000	830.206	0.025
1.00E-03	975.000	975.091	0.009
1.00E-02	1400.000	1400.000	0.000
1.00E-01	1550.000	1550.000	0.000
1.00E+00	1650.000	1656.300	0.382
1.00E+01	1730.000	1730.900	0.052
1.00E+02	1870.000	1870.400	0.021
1.00E+03	2430.000	2430.100	0.004
5.00E+03	3350.000	3490.900	4.206