

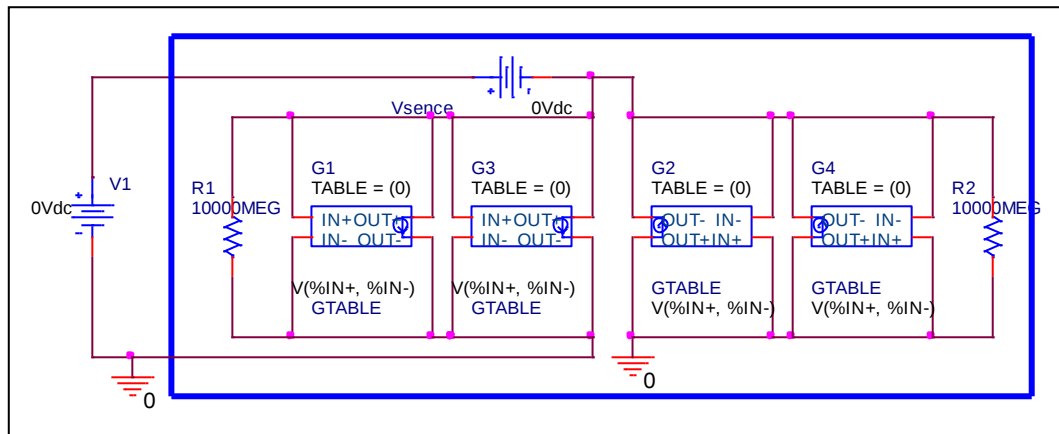
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK621
MANUFACTURER: Panasonic



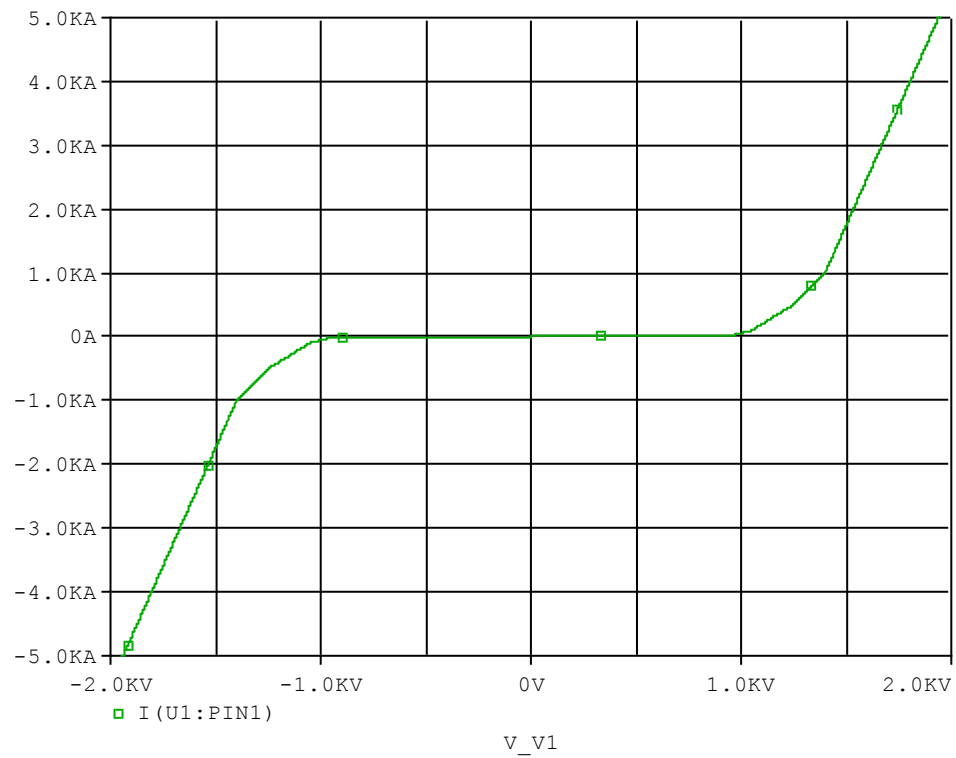
Bee Technologies Inc.

Equivalent Circuit

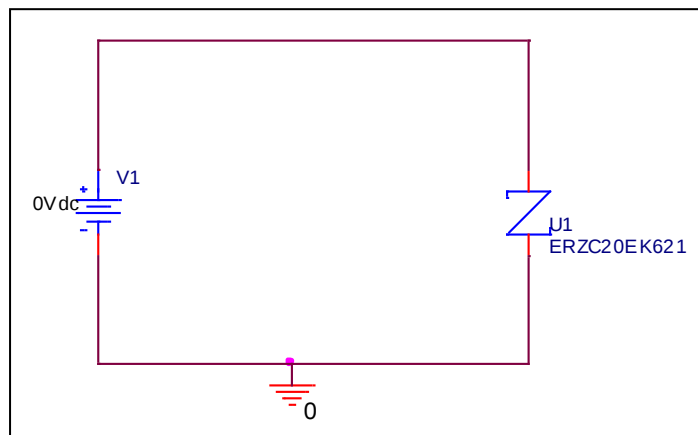


ZNR Transient /Surge Absorber

Circuit Simulation Result

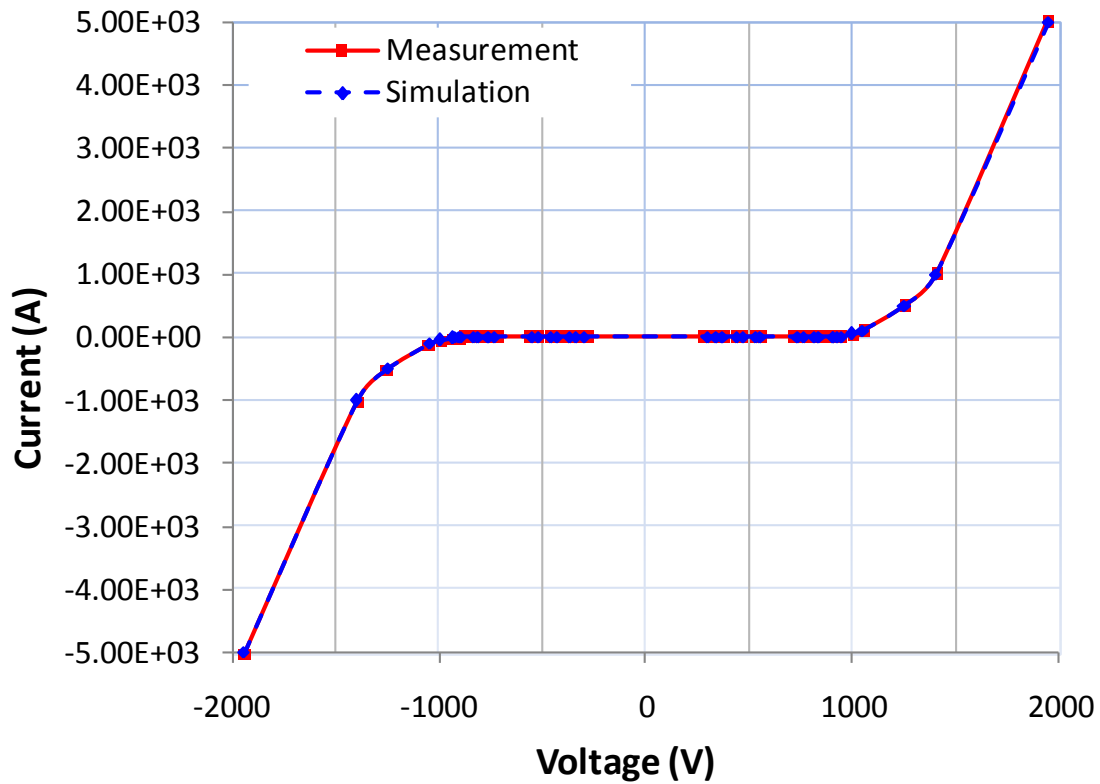


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	287.000	298.627	4.051
1.00E-05	370.000	371.562	0.422
1.00E-04	465.000	465.143	0.031
1.00E-03	555.000	555.039	0.007
1.00E-02	760.000	760.001	0.000
1.00E-01	835.000	835.000	0.000
1.00E+00	900.000	902.000	0.222
1.00E+01	940.000	940.688	0.073
1.00E+02	1050.000	1050.300	0.029
1.00E+03	1400.000	1400.100	0.007
5.00E+03	1940.000	1945.900	0.304