

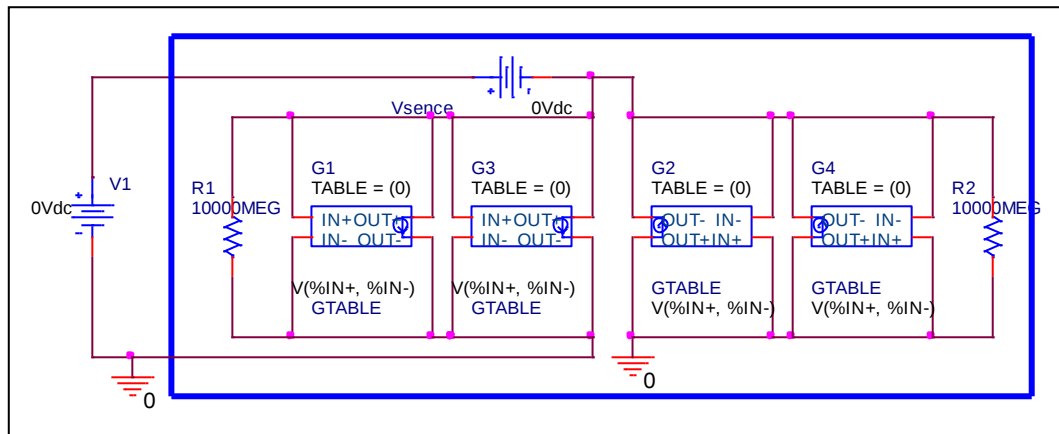
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK271
MANUFACTURER: Panasonic



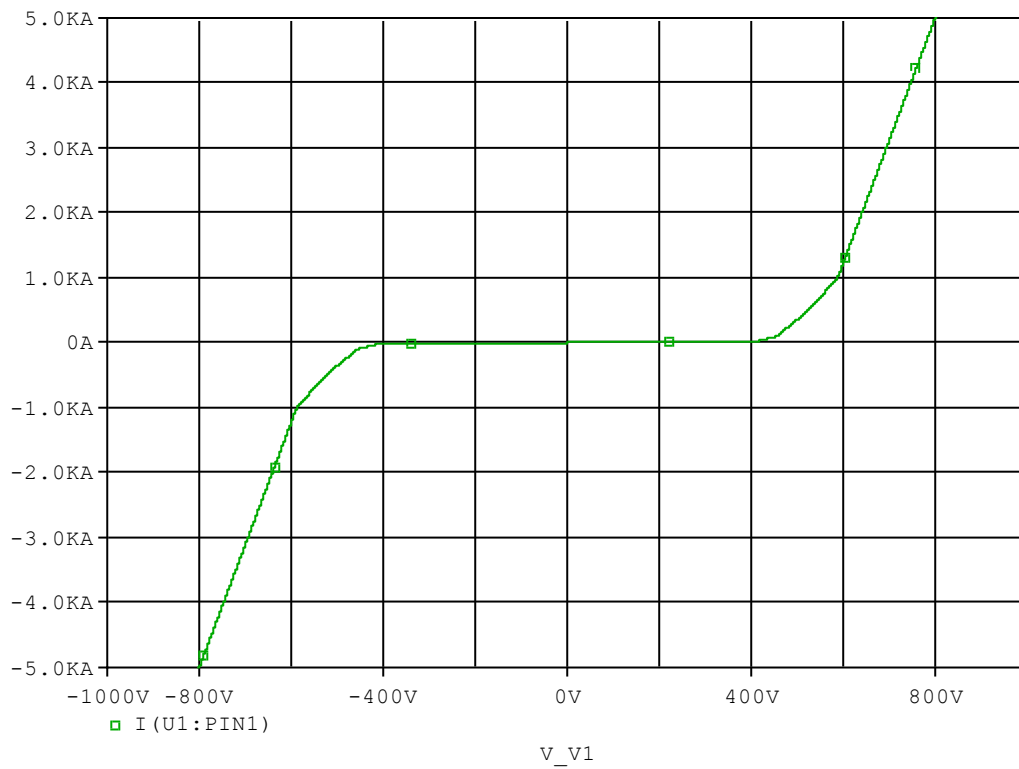
Bee Technologies Inc.

Equivalent Circuit

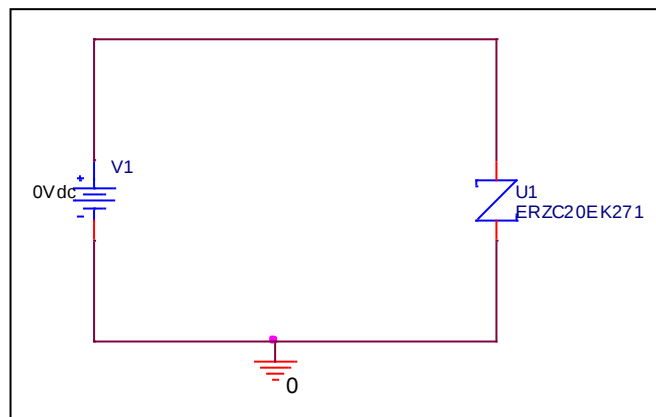


ZNR Transient /Surge Absorber

Circuit Simulation Result

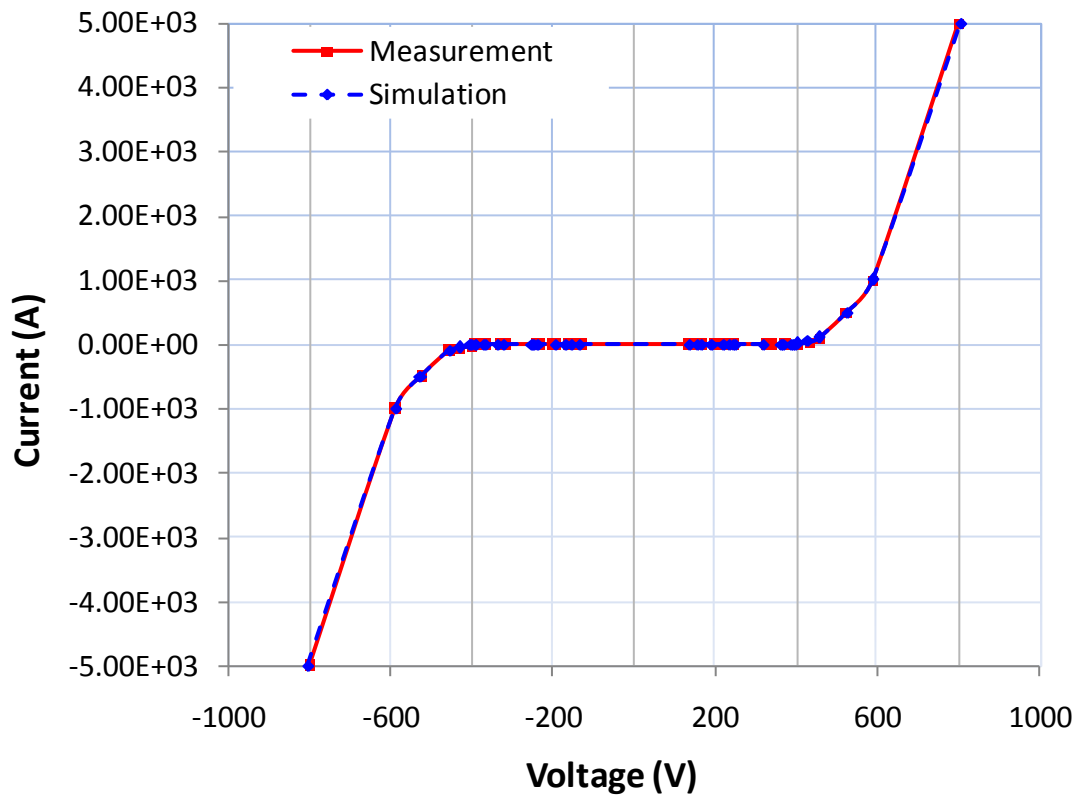


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	130.000	135.669	4.361
1.00E-05	166.000	166.663	0.399
1.00E-04	205.000	205.073	0.036
1.00E-03	245.000	245.018	0.007
1.00E-02	335.000	335.001	0.000
1.00E-01	371.000	371.000	0.000
1.00E+00	390.000	391.125	0.288
1.00E+01	403.000	403.338	0.084
1.00E+02	455.000	455.088	0.019
1.00E+03	588.000	588.027	0.005
5.00E+03	800.000	805.000	0.625