

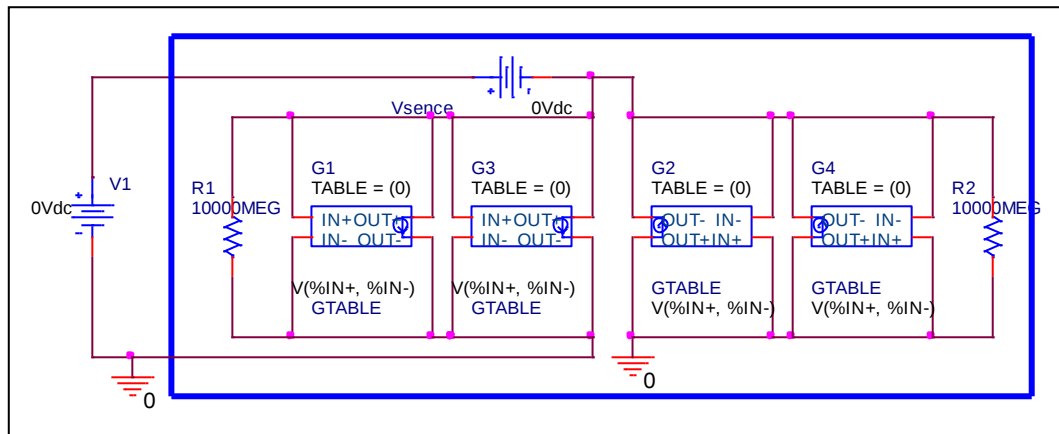
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK361
MANUFACTURER: Panasonic



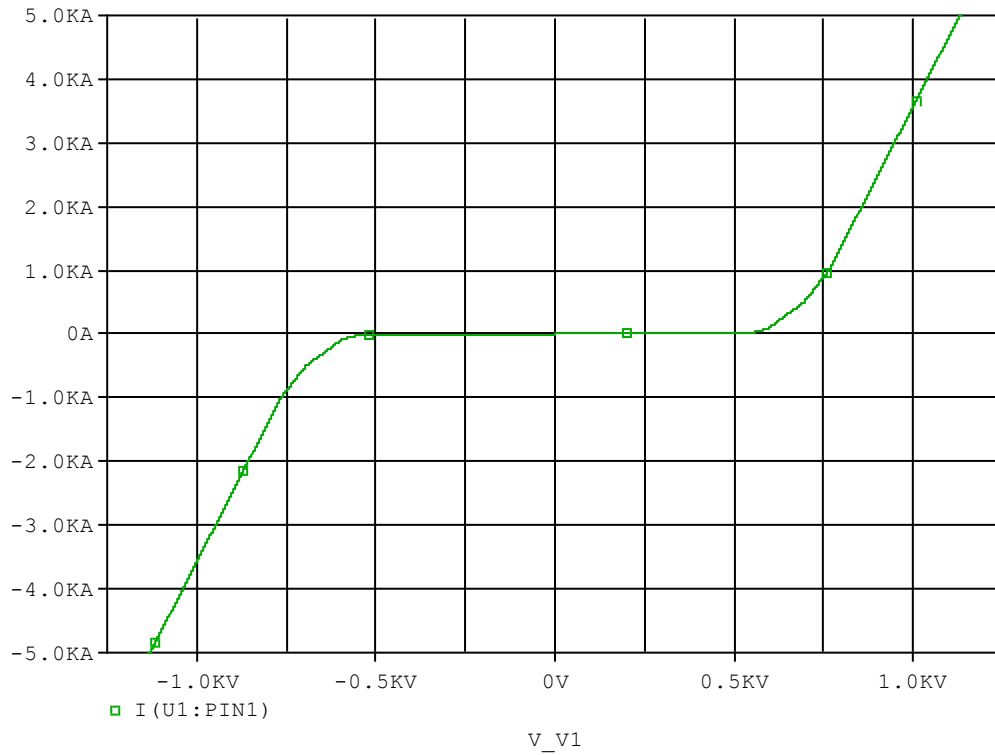
Bee Technologies Inc.

Equivalent Circuit

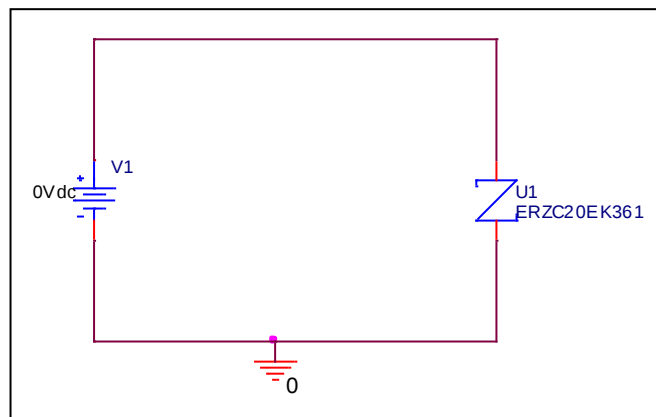


ZNR Transient /Surge Absorber

Circuit Simulation Result

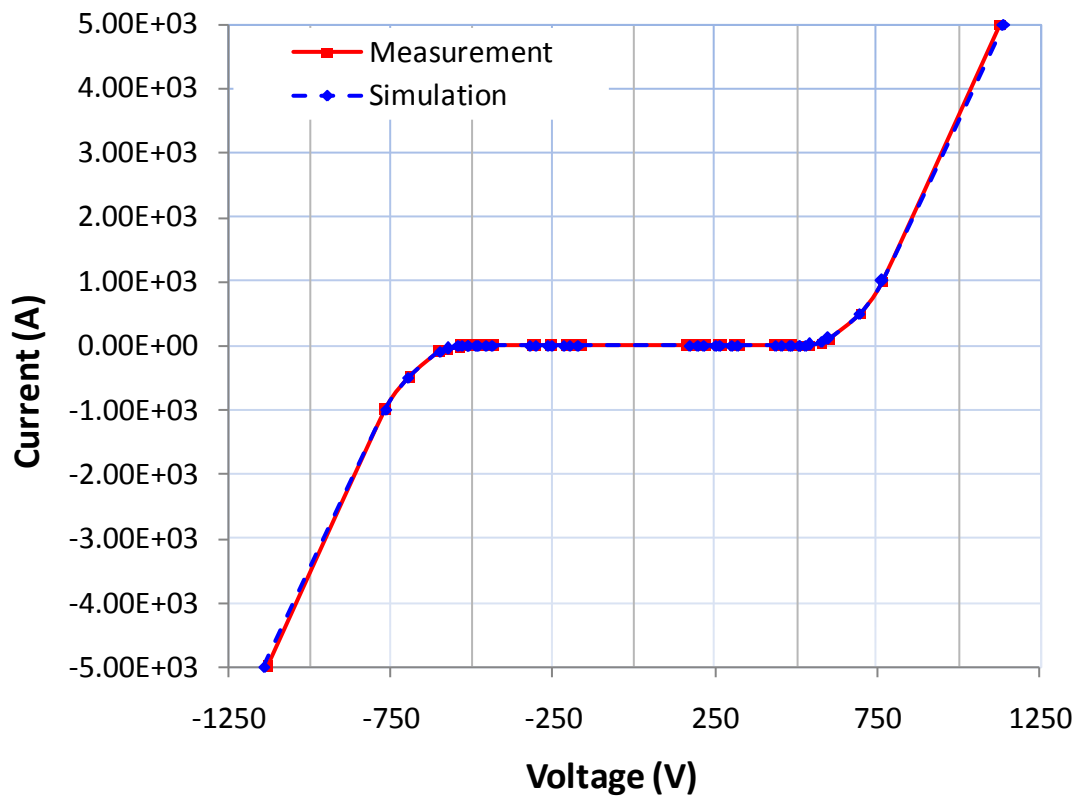


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	165.000	171.875	4.167
1.00E-05	215.000	215.929	0.432
1.00E-04	265.000	265.092	0.035
1.00E-03	320.000	320.028	0.009
1.00E-02	455.000	455.001	0.000
1.00E-01	485.000	485.000	0.000
1.00E+00	510.000	512.500	0.490
1.00E+01	540.000	540.438	0.081
1.00E+02	598.000	598.121	0.020
1.00E+03	765.000	765.046	0.006
5.00E+03	1130.000	1140.000	0.885