

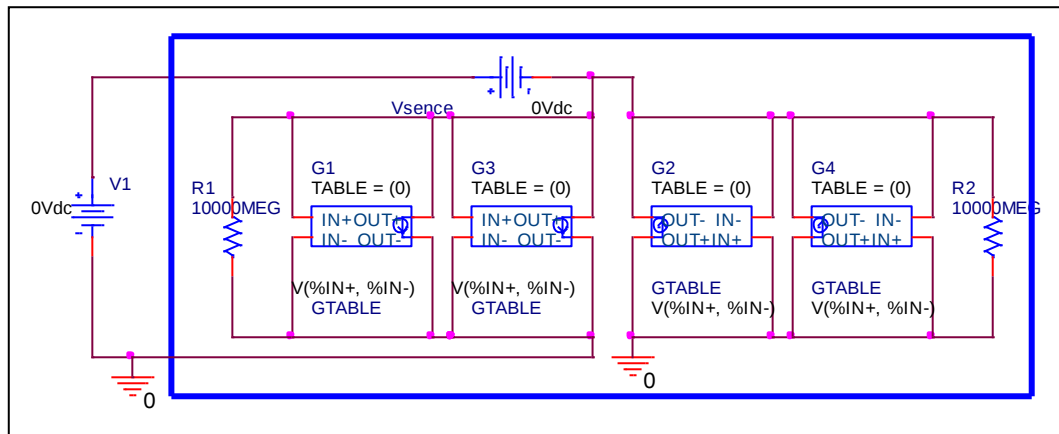
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK781
MANUFACTURER: Panasonic



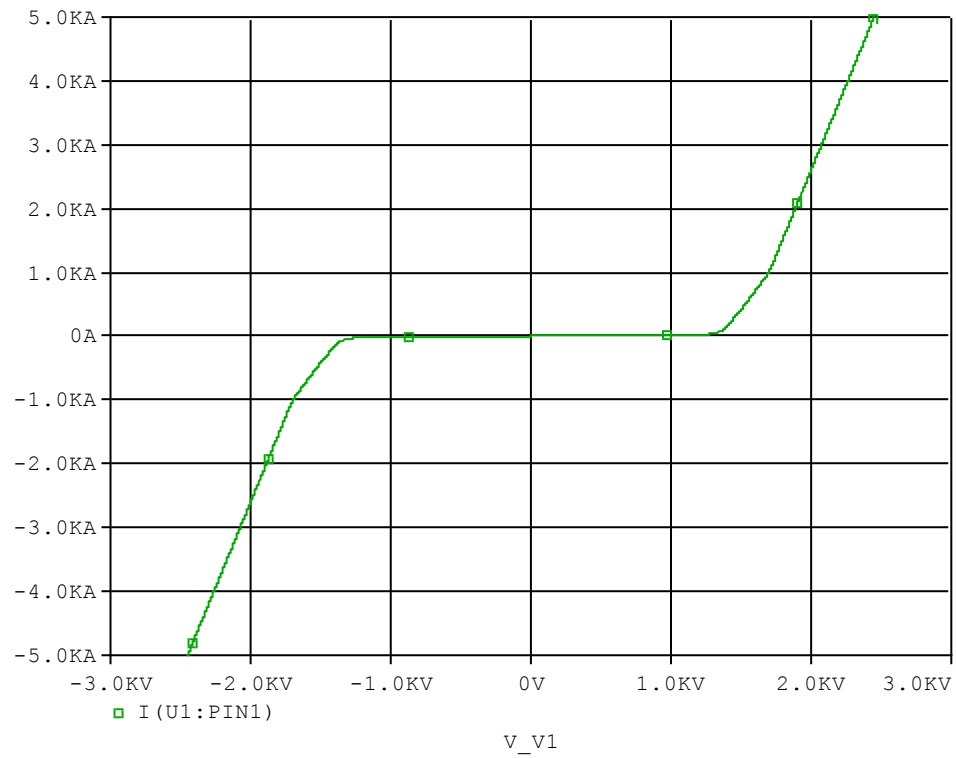
Bee Technologies Inc.

Equivalent Circuit

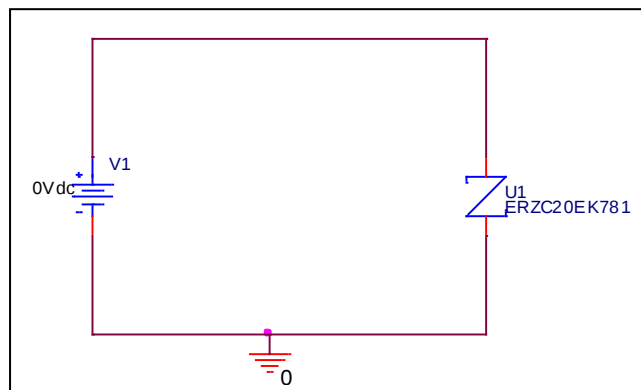


ZNR Transient /Surge Absorber

Circuit Simulation Result

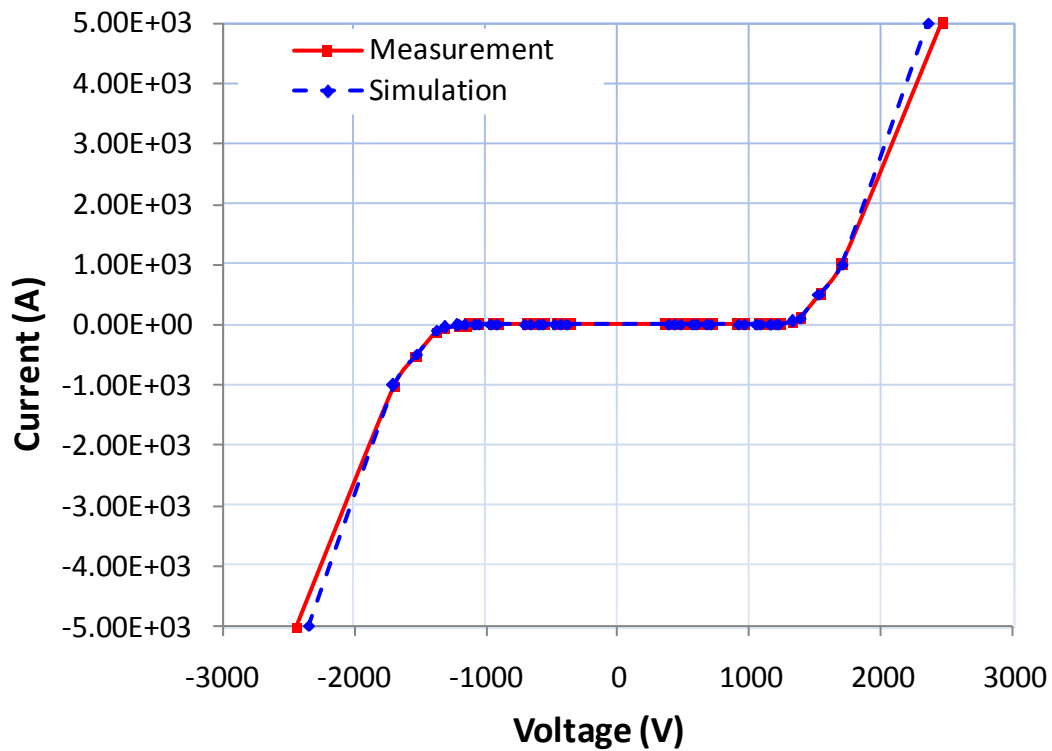


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	370.000	383.921	3.762
1.00E-05	475.000	477.138	0.450
1.00E-04	600.000	600.159	0.026
1.00E-03	705.000	705.049	0.007
1.00E-02	960.000	960.002	0.000
1.00E-01	1090.000	1090.000	0.000
1.00E+00	1160.000	1165.000	0.431
1.00E+01	1220.000	1221.300	0.107
1.00E+02	1380.000	1380.200	0.014
1.00E+03	1700.000	1700.100	0.006
5.00E+03	2450.000	2350.000	-4.082