

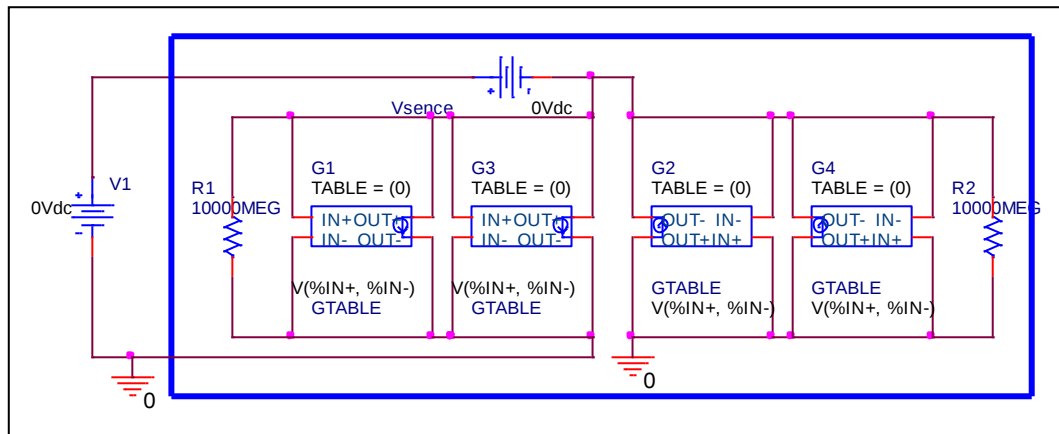
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC32EK821
MANUFACTURER: Panasonic



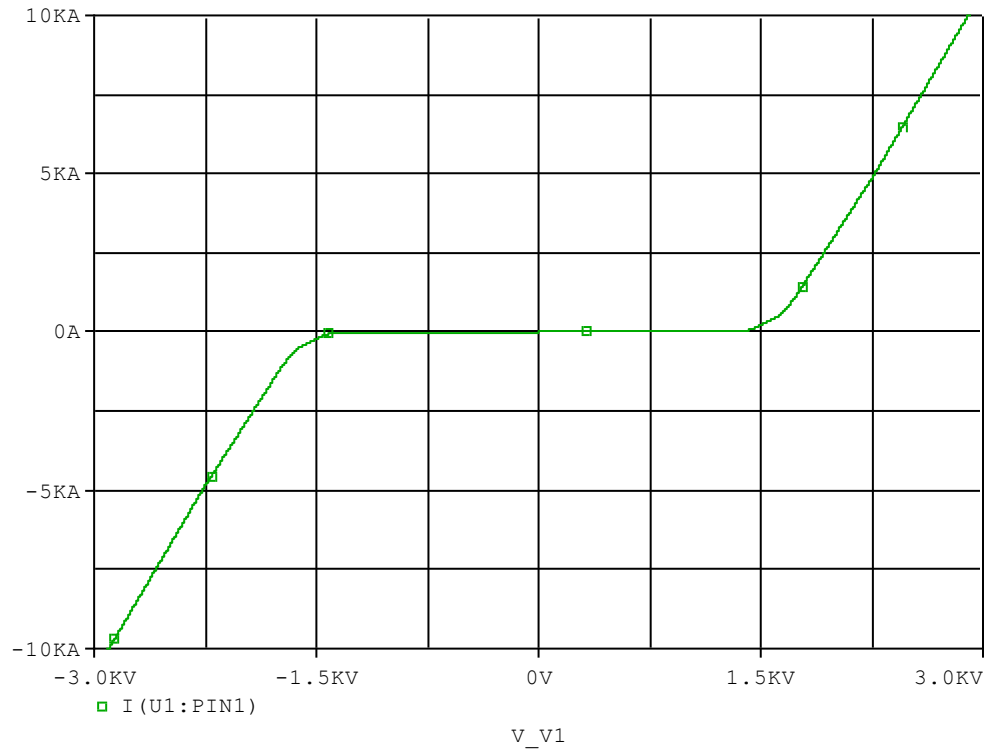
Bee Technologies Inc.

Equivalent Circuit

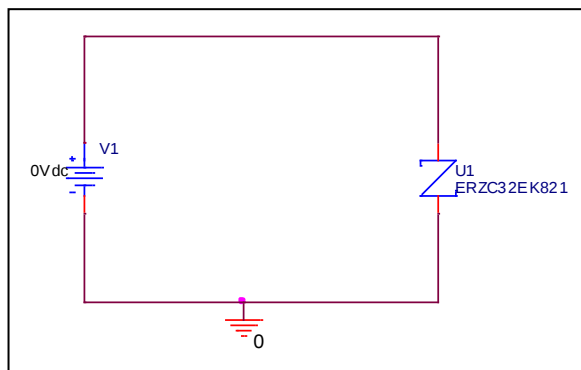


ZNR Transient /Surge Absorber

Circuit Simulation Result

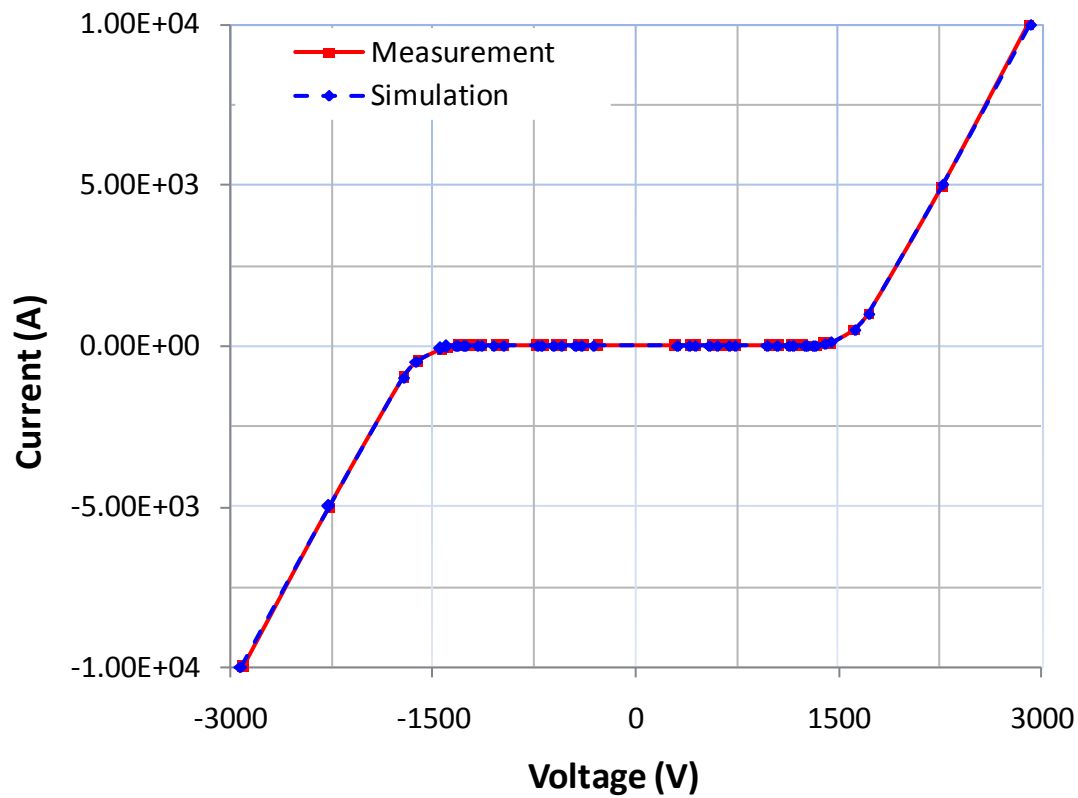


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
5.00E-06	388.000	397.012	2.323
1.00E-05	435.000	437.744	0.631
1.00E-04	600.000	600.211	0.035
1.00E-03	730.000	730.058	0.008
1.00E-02	1050.000	1050.000	0.000
1.00E-01	1170.000	1170.000	0.000
1.00E+00	1260.000	1266.300	0.500
1.00E+01	1330.000	1330.900	0.068
1.00E+02	1445.000	1445.200	0.014
1.00E+03	1720.000	1720.100	0.006
1.00E+04	2900.000	2918.900	0.652