

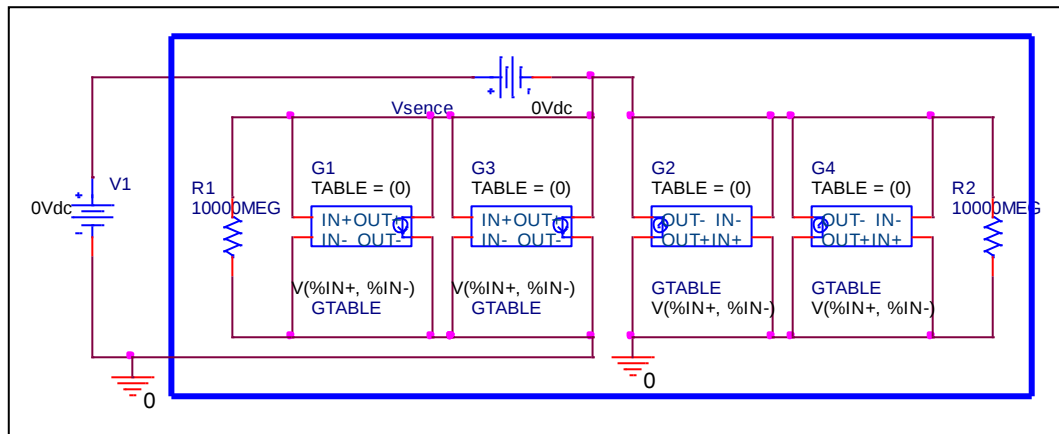
Device Modeling Report

COMPONENTS: ZNR Transient/Surge Absorber
PART NUMBER: ERZC20EK681
MANUFACTURER: Panasonic



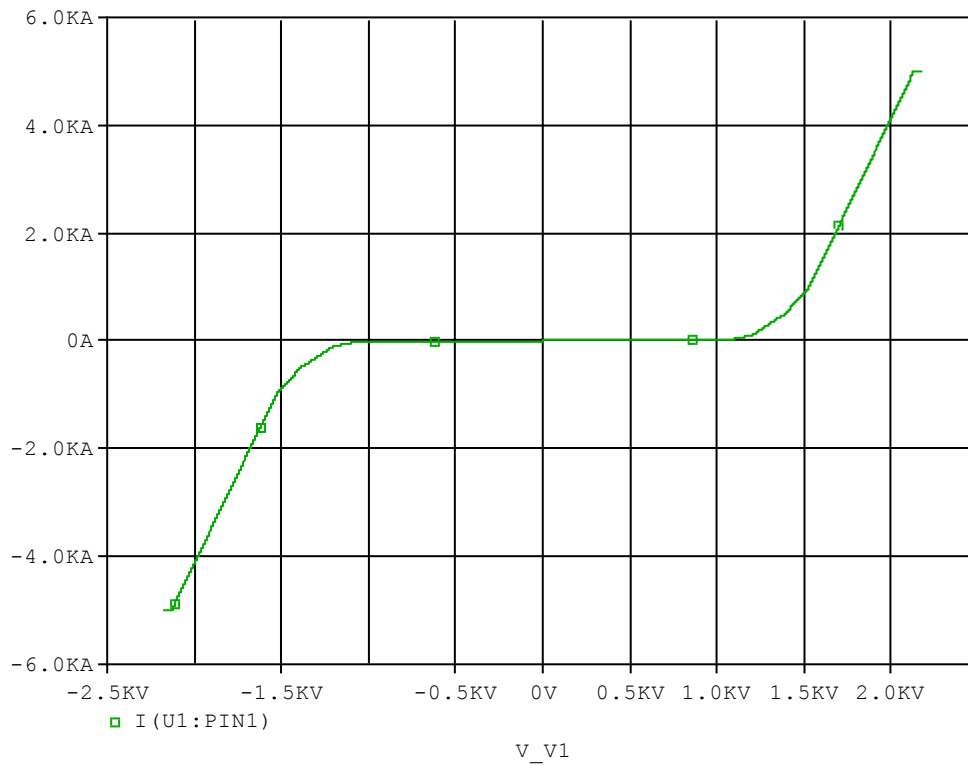
Bee Technologies Inc.

Equivalent Circuit

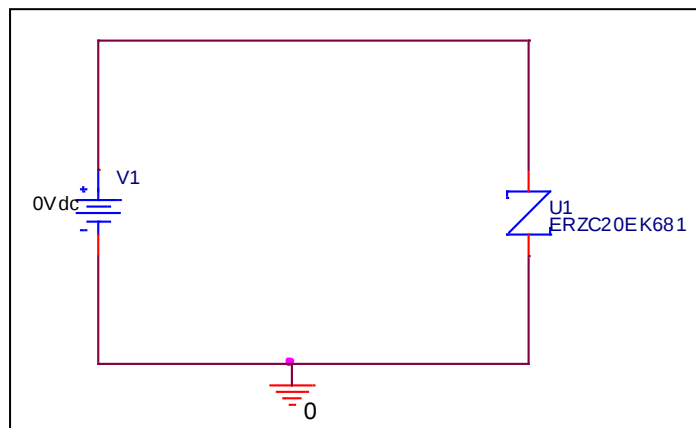


ZNR Transient /Surge Absorber

Circuit Simulation Result

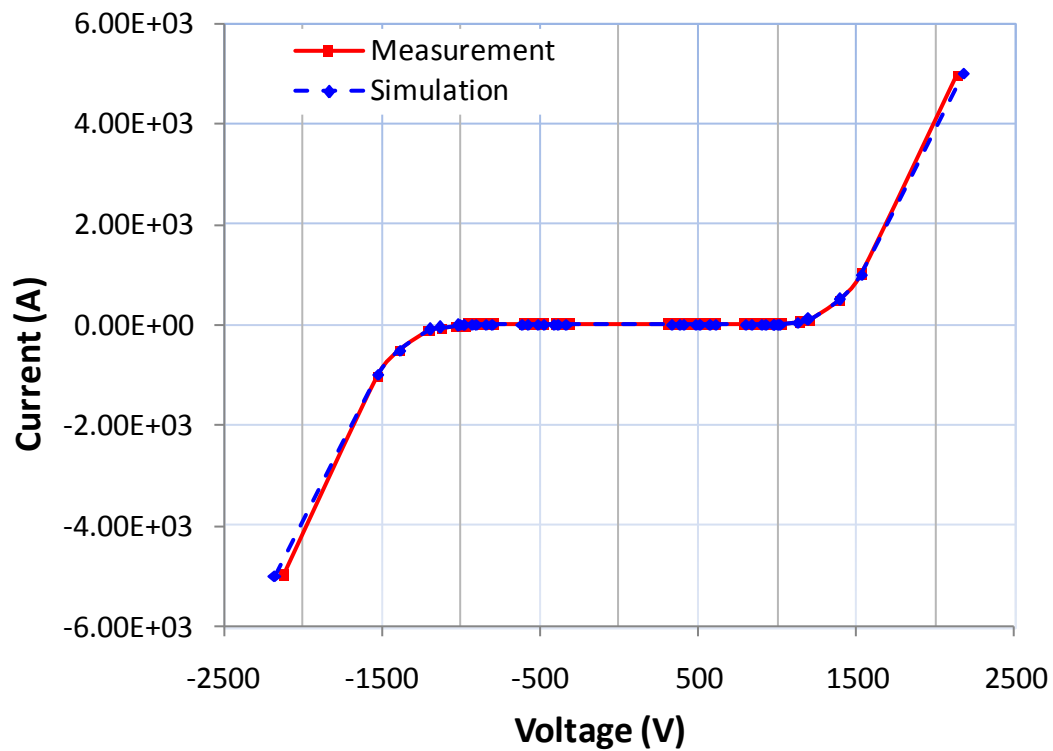


Evaluation Circuit



ZNR Transient /Surge Absorber

Comparison Graph



Simulation Result

I(A)	VFwd (V)		Error (%)
	Measurement	Simulation	
1.00E-06	320.000	333.273	4.148
1.00E-05	410.000	411.675	0.409
1.00E-04	515.000	515.154	0.030
1.00E-03	610.000	610.044	0.007
1.00E-02	840.000	840.001	0.000
1.00E-01	930.000	930.000	0.000
1.00E+00	980.000	982.500	0.255
1.00E+01	1020.000	1021.400	0.137
1.00E+02	1198.000	1198.200	0.017
1.00E+03	1530.000	1530.100	0.007
5.00E+03	2130.000	2178.900	2.296