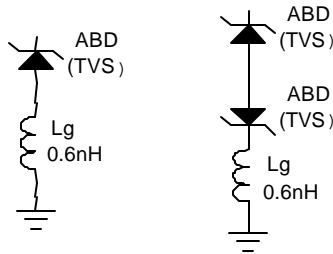


SPICE MODEL & PARAMETERS

**FIGURE 1  
SPICE MODEL FOR PSOT & PSOTxxC SERIES**



ABD: AVALANCHE BREAKDOWN DIODE (TVS)  
Lg: LEAD INDUCTANCE

TABLE 1 – SPICE PARAMETERS		
PARAMETER	UNIT	ABD (TVS)
BV	V	See Table 2
IBV	uA	1
Cjo	pF	See Table 2
Is	A	See Table 2
Vj	V	0.6
M	-	0.33
N	-	1
Rs	Ohms	See Table 2
TT	s	1E-8
EG	eV	1.11

TABLE 2 – ABD SPECIFIC SPICE PARAMETERS				
PART NO.	BV (VOLTS)	Cjo (pF)	IS (AMPS)	Rs (OHMS)
PSOT03	4.5	438	1E-11	0.21
PSOT05	6.0	284	1E-11	0.14
PSOT08	8.5	146	1E-11	0.28
PSOT12	13.3	123	1E-13	0.4
PSOT15	16.7	102	1E-13	0.52
PSOT24	26.7	61	1E-13	1.54
PSOT03C	4.5	219	1E-11	0.21
PSOT05C	6.0	142	1E-11	0.14
PSOT08C	8.5	73	1E-11	0.28
PSOT12C	13.3	62	1E-13	0.4
PSOT15C	16.7	51	1E-13	0.52
PSOT24C	26.7	30	1E-13	1.54

Updated 10/10/2003