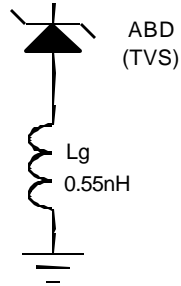


SPICE MODEL & PARAMETERS

**FIGURE 1
SPICE MODEL FOR PSD 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)
PSD03	4.0	438	1E-11	0.21
PSD05	6.0	284	1E-11	0.14
PSD12	13.3	123	1E-13	0.4

Unidirectional Only

Updated 10/10/2003