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* Copyright *
* Vishay Intertechnology, Inc. *
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VS-80APF12
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* Model Diode *
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MODEL part0 D

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+ IS=1.0000E-6
+ N=2.0109
+ RS=1.8637E-3
+ IKF=.83061
+ M=.3333
+ VJ=.75
+ ISR=767.64E-9
+ NR=4.9950
+ BV=1.2500E3
+ IBV=100.00E-6
+ TT=271.77E-9
T_MEASURED=25

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.ENDS VS- 80APF12

Thermal Model Subcircuit

.SUBCKT VS- VS- 80APF12 5 1

CTHERM1	5	4	1.36E-02
CTHERM2	4	3	1.97E-01
CTHERM3	3	2	1.57E-00
CTHERM4	2	1	1.14E+01

R THERM1	5	4	2.21E-02
R THERM2	4	3	1.23E-01
R THERM1	3	2	2.01E-01
R THERM1	2	1	1.00E-05

.ENDS VS- VS- 80APF12



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