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*****
* Copyright                                     *
* Vishay Intertechnology, Inc.                 *
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VS-20ETF12S
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* Model Diode                                     *
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MODEL part0 D

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+ IS=1.5370E-9
+ N=1.2991
+ RS=5.2360E-3
+ IKF=34.440E-3
+ XTI=2
+ CJO=390.54E-12
+ M=.40278
+ VJ=.3905
+ ISR=38.714E-9
+ NR=4.9950
+ BV=1.5000E3
+ IBV=200.00E-6
+ TT=5.0000E-9
T_MEASURED=25
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.ENDS VS-20ETF12S

Thermal Model Subcircuit

.SUBCKT VS-20ETF12S 5 1

CTHERM1	5	4	4.85E-03
CTHERM2	4	3	3.31E-02
CTHERM3	3	2	2.13E-01
CTHERM4	2	1	1.14E+03
RTHERM1	5	4	6.21E-02
RTHERM2	4	3	2.88E-01
RTHERM1	3	2	5.42E-01
RTHERM1	2	1	1.00E-07

.ENDS VS-20ETF12S



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