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*****
* Copyright *
* Vishay Intertechnology, Inc. *
*****
VS-10BQ100
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* Model Diode *
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MODEL part0 D

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+ IS=100.00E-9
+ N=1.4336
+ RS=26.966E-3
+ IKF=52.275E-3
+ CJO=168.22E-12
+ M=.4533
+ VJ=.3905
+ ISR=10.999E-9
+ NR=4.9950
+ BV=109
+ IBV=10.000E-3
T_MEASURED=25
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.ENDS 10BQ100

Thermal Model Subcircuit
.SUBCKT 10BQ100 5 1

CTHERM1	5	4	8.70E-05
CTHERM2	4	3	3.07E-03
CTHERM3	3	2	3.51E-02
CTHERM4	2	1	4.15E-01
R THERM1	5	4	1.31E+00
R THERM2	4	3	7.09E+00
R THERM3	3	2	1.55E+01
R THERM4	2	1	1.19E+01

.ENDS 10BQ100



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