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* Copyright *
* Vishay Intertechnology, Inc. *
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VS-MBRS1100
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* Model Diode *
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MODEL part0 D

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+ IS=100.00E-9
+ N=1.4304
+ RS=48.726E-3
+ IKF=44.917E-3
+ CJO=65.826E-12
+ M=.5637
+ VJ=4.0542
+ ISR=60.884E-9
+ NR=4.9950
+ BV=109
+ IBV=10.000E-3
T_MEASURED=25

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.ENDS MBRS1100

Thermal Model Subcircuit
.SUBCKT MBRS1100 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 MBRS1100



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