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* Copyright                                     *
* Vishay Intertechnology, Inc.                 *
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VS-100BGQ100
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* Model Diode                                   *
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MODEL part0 D

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+ IS=100.00E-9
+ N=1.0304
+ RS=3.7127E-3
+ IKF=.8712
+ CJO=4.6428E-9
+ M=.49347
+ VJ=.3905
+ ISR=753.64E-9
+ NR=4.9950
+ BV=108
+ IBV=100.00E-6
T_MEASURED=25

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.ENDS VS-100BGQ100

Thermal Model Subcircuit

.SUBCKT VS- VS-100BGQ100 5 1

CTHERM1	5	4	9.47E-04
CTHERM2	4	3	3.01E-02
CTHERM3	3	2	2.20E-02
CTHERM4	2	1	3.62E-01

R THERM1	5	4	1.21E-01
R THERM2	4	3	1.00E-02
R THERM3	3	2	2.03E-01
R THERM4	2	1	1.66E-01

.ENDS VS- VS-100BGQ100



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