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* Copyright *
* Vishay Intertechnology, Inc. *
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VS-8TQ100 series

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* Model Diode *
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MODEL part0 D

```
+ IS=1.0000E-6
+ N=1.3011
+ RS=10.949E-3
+ IKF=.50969
+ CJO=1.2622E-9
+ M=.47503
+ VJ=.51619
+ ISR=723.85E-9
+ NR=4.9950
+ BV=108
+ IBV=10.000E-3
+T_MEASURED=25
```

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.ENDS VS-8TQ100 series

Thermal Model Subcircuit

.SUBCKT 8TQ100 5 1

```
CTHERM1 5 4 4.24E+00
CTHERM2 4 3 5.56E+01
CTHERM3 3 2 4.87E+02
CTHERM4 2 1 1.38E+05
```

```
R THERM1 5 4 7.05E-01
R THERM2 4 3 8.58E-01
R THERM1 3 2 3.57E-01
R THERM1 2 1 7.69E-02
```

.ENDS 8TQ100 series



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