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* Vishay Intertechnology, Inc.                 *
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VS-16CTU04
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* Model Diode                                 *
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MODEL part0 D

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+ IS=10.000E-9
+ N=1.7027
+ RS=9.7433E-3
+ IKF=.11127
+ CJO=232.29E-12
+ M=.41317
+ VJ=.3905
+ ISR=3.2724E-9
+ NR=4.9950
+ BV=450
+ IBV=100.00E-6
+ TT=14.578E-9
T_MEASURED=25

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.ENDS VS-16CTU04

Thermal Model Subcircuit

.SUBCKT VS-16CTU04 5 1

| | | | |
|---------|---|---|----------|
| CTHERM1 | 5 | 4 | 5.72E-03 |
| CTHERM2 | 4 | 3 | 2.23E-03 |
| CTHERM3 | 3 | 2 | 1.13E-03 |
| CTHERM4 | 2 | 1 | 3.59E-02 |
| | | | |
| RTHERM1 | 5 | 4 | 8.03E-01 |
| RTHERM2 | 4 | 3 | 1.35E-01 |
| RTHERM1 | 3 | 2 | 1.01E-01 |
| RTHERM1 | 2 | 1 | 9.60E-01 |

.ENDS VS-16CTU04



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