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* Copyright *
* Vishay Intertechnology, Inc. *
*****
VS-18TQ045 series
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* Model Diode *
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MODEL part0 D

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N=.47238
+ RS=6.4874E-3
+ IKF=.44546
+ XTI=2
+ CJO=3.4199E-9
+ M=.48922
+ VJ=.60354
+ ISR=8.7423E-6
+ NR=4.9950
+ BV=50
+ IBV=10.000E-3
+T_MEASURED=25

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.ENDS VS-18TQ045 series

Thermal Model Subcircuit  
.SUBCKT 18TQ045 5 1

CTHERM1	5	4	6.49E-01
CTHERM2	4	3	3.46E+00
CTHERM3	3	2	1.63E+01
CTHERM4	2	1	3.01E+02
R THERM1	5	4	6.77E-01
R THERM2	4	3	5.70E-01
R THERM1	3	2	2.05E-01
R THERM1	2	1	3.44E-02

.ENDS 18TQ045 series



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