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*****
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* Vishay Intertechnology, Inc. *
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VS-2EAH02
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* Model Diode *
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%_____Electrical

.MODEL DFN2EAH02 D

+ IS=1.5182E-9

+ N=1.3614

+ RS=11.745E-3

+ IKF=75.879E-3

+ CJO=42.93E-12

+ M=.210198

+ VJ=.09745

+ ISR=34.282E-12

+ NR=4.9950

+ BV=256.69

+ IBV=86.224E-6

+ TT=10.043E-9

+ XTI=-1.6

+ Tikf=0.030

+ Trs1=0.0001

%_____Thermal

.SUBCKT ZTH-DFN-2EAH02-zth Tj Ta

R THERM1	Tj	1	8.610e-02
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R THERM2	1	2	1.077e+00
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R THERM3	2	3	2.451e+00
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R THERM4	3	Ta	8.862e-01
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C THERM1	Tj	1	2.387e-04
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C THERM2	1	2	2.063e-04
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CTHERM3	2	3	1.217e-03
CTHERM4	3	Ta	1.187e-02

.ENDS ZTH-DFN-2EAH02-zth



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