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*April 19, 2023
*DD Vishay Semiconductor Italiana SPA
*File Name: VS-4EVH01 02 Serie
*This document is intended as a SPICE modeling guideline and does not
*constitute a commercial product datasheet. Designers should refer to the
*appropriate datasheet of the same number for guaranteed specification
*limits.
*Model fit device at 25°C
*DEVICE=VS-4EVH01_02 Serie, D
***************
.MODEL 4EVH01 02 Serie D
+ IS=100.00E-12
+ N=1.1599
+ RS=9.5216E-3
+ IKF=.12214
+ CJO=124.38E-12
+ M=.35436
+ VJ=.3905
+ ISR=150.79E-12
+ NR=4.9950
+ BV=240
+ IBV=100.00E-6
+ TT=13.639E-9
*****************
.ENDS
Thermal Model Subcircuit
.SUBCKT VS- 4EVH01_02 Serie
                             5 1
CTHERM1
            5
                  4
                         2.07E-04
CTHERM2
            4
                  3
                         2.24E-03
                  2
CTHERM3
            3
                         1.97E-02
            2
CTHERM4
                 1
                         2.25E+00
            5 4
4 3
3 2
2 1
                        5.51E-01
RTHERM1
RTHERM2
                         1.08E+00
RTHERM3
                         8.70E-01
RTHERM4
                         1.34E-04
.ENDS VS- 4EVH01_02 Serie
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