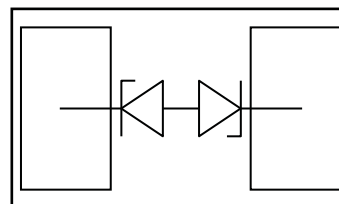
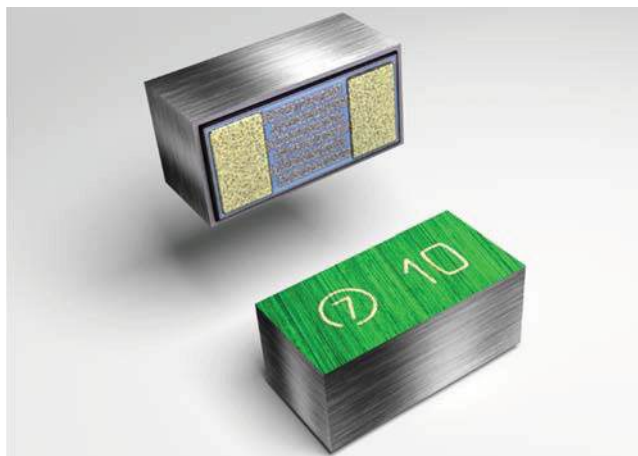




Bidirectional Symmetrical ESD Protection Device in CLP0603



PSpice model for subcircuit VCUT10A1-SD0:

* Vishay Semiconductor GmbH

* Claus Mähner, October 2017

*

.SUBCKT VCUT10A1 1 2

*

Df1 1 c D1

Df2 2 c D1

*

.MODEL D1 D

+IS=1.0E-14

+N=1

+ISR=1.0E-10

+NR=2

+RS=0.145

+IKF=1000

+CJO=1.44E-11

+M=0.26

+VJ=0.53

+BV=12

+IBV=0.001

+NBV=1

+IBVL=0

+NBVL=1

+TT=0

*

.ENDS VCUT10A1

Remarks:

RS = 145 mΩ is the physical series resistance of the diode without heating.



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