

**(b)****(d)**

```

SMD 370 41.065 38.6454 32.951 32.2709 28.952 58.5195
SMD 380 41.0962 38.5292 33.1032 15.0473 13.4997 27.2864
SMD 390 41.1681 38.495 33.3074 -22.1029 -19.8297 -40.081
SMD 400 41.1983 38.428 33.3553 -25.3756 -22.7658 -46.0156
PRESSURE: 400 0 0 0 0 0 0 0 0
GPRESSURE: 400 0 0 0 0 0 0 0 0
ENERGY: 400 234.3106 821.9371 489.8659 64.1836 -2345.2403 -16\
2.4893 0.0000 0.0000 1202.6713 305.2390 395.4340
SMD 410 41.2355 38.456 33.5373 -60.6924 -54.4505 -110.058
SMD 420 41.1923 38.4524 33.6517 -73.9062 -66.3053 -134.02
SMD 430 41.1984 38.4073 33.6689 -71.4504 -64.1021 -129.567
SMD 440 41.1563 38.372 33.7528 -76.7696 -68.8742 -139.213
SMD 450 41.0483 38.3112 33.7452 -58.0002 -52.116 -105.34

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**(a)****(c)**