**27** In an atom, an electron is moving with a speed of $2.0 \times 10^6$ m s$^{-1}$ with an uncertainty of 0.005%.

What is the minimum uncertainty with which the location of the electron can be located?

A $\quad 2.7 \times 10^{-23}$ m

B $\quad 3.6 \times 10^{-10}$ m

C $\quad 7.3 \times 10^{-6}$ m

D $\quad 0.15$ m