1 What is a reasonable estimate of the cross-sectional area of the wire in a paper clip?

A $1 \times 10^{-3} \, m^2$ **B** $8 \times 10^{-5} \, m^2$ **C** $8 \times 10^{-7} \, m^2$ **D** $1 \times 10^{-9} \, m^2$