$$\varepsilon_0 = 8.85 \times 10^{-12}$$

$$A = 2.011 \times 10^{-4} \text{ mt}^2$$

$$d = 8.1 \times 10^{-3} \text{ mt}$$

$$\boxed{C_{0_T} = 2.2 \times 10^{-10} \text{ F}}$$

$$C_{0_P} = \frac{8.85 \times 10^{-12} \cdot 2.011 \times 10^{-4}}{8.1 \times 10^{-3}}$$

$$\boxed{C_{0_P} = 2.19 \times 10^{-13} \text{ F}}$$