Zo = 50 N.

507/20=5057/ 70 ds Sc

normalized $Z_{\lambda}' = 1 - j(2)$

The value of stub constant = 2

location of stub = 0.3123- 0.1893

Rength of 8 tub = 0.123 \Rightarrow

+ 0.250

0.4393

20 SON - - 0.123 D. St. V. O.439 D.

ministra d

$$L = \frac{R}{\Pi + C} = \frac{500}{8.14 \times 4 \times 10^{3}}$$

$$= \frac{500}{12.56 \times 10^{3}} = 39.80 \times 10^{3}.$$

$$C = \frac{1}{71 + CR} = \frac{1}{3.14 \times 4 \times 10^3 \times 500}$$

$$= 1.592 \times 10^{7}$$
6280 \times 3

$$L = \frac{K}{4\pi^{2}c} = \frac{700}{4x3.16x4x10^{3}} = \frac{700}{100 \times 50.24}$$

$$C = \frac{1}{471 k_{T}^{2}} = \frac{1}{4 \times 3.14 \times 900^{3}} = \frac{1}{3.5163 \times 10^{3}}$$

7 section

