



- ## MOUNTING OF CONNECTOR

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0-80UNF-2A OUTSIDE DRAWING

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PLEASE DO NOT ALLOW A GAP BETWEEN THE EDGE OF PCB AND CONNECTOR.

PLEASE MOUNT THE CONNECTOR AS LOCATED IN THE MIDDLE OF SIGNAL PAD OF PCB.

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Figure 1 is a dimensional drawing of a microstrip line on a PCB. The drawing includes a top view and a cross-section view labeled B(10:1). The top view shows a central microstrip line with a width of 0.087 ± 0.002 inches. The signal pad has a diameter of 8.5 MIN and a thickness of 5 ± 0.03 inches, with a tolerance of $.197 \pm .001$ inches. The ground pad has a diameter of 0.35 inches and a thickness of $.014$ inches. The signal line has a width of 0.35 inches and a thickness of $.014$ inches. The through hole has a diameter of $2 \times \phi 1.7 \pm 0.05$ inches and a depth of $.067 \pm .002$ inches. The cross-section B(10:1) shows the microstrip line thickness of 0.75 ± 0.03 inches, the core material thickness of $.28$ inches, and the prepreg thickness of $.35$ inches. The drawing also indicates the edge of the PCB and the signal pad and ground pad registration area.



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