# INSTALLATION INSTRUCTIONS

MicroComm DXI

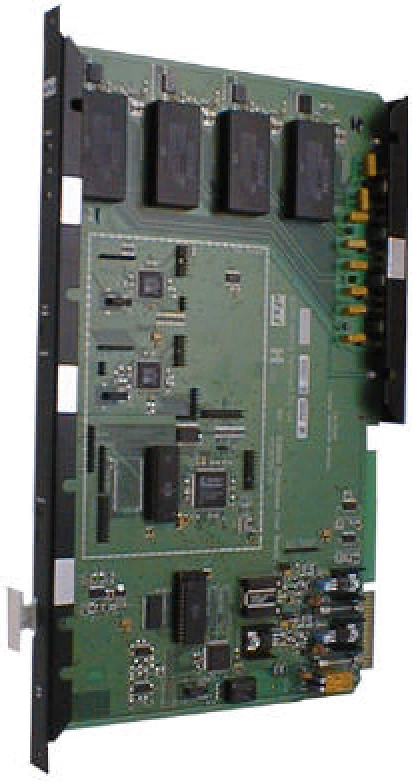
## TLB-400 Telephone Line Board

## 1. Intent & Scope

This document describes the installation procedure for the TLB-400 Telephone Line Board.

## 2. Description

The TLB-400 Telephone Line Board can be inserted in any one of the slots in MicroComm DXI card cage, except the first slot which requires an ACB-100 or ACB-101 Audio Control Board. The TLB-400 provides four interface ports to central office telephone lines. The TLB ports are designed to be connect to the public telephone network. They will detect ringing and standard DTMF dial tones. The TLB ports can go off hook (to activate a start loop line) transmit standard DTMF dialing tones, generate a hook flash, and transmit and receive full and half duplex audio

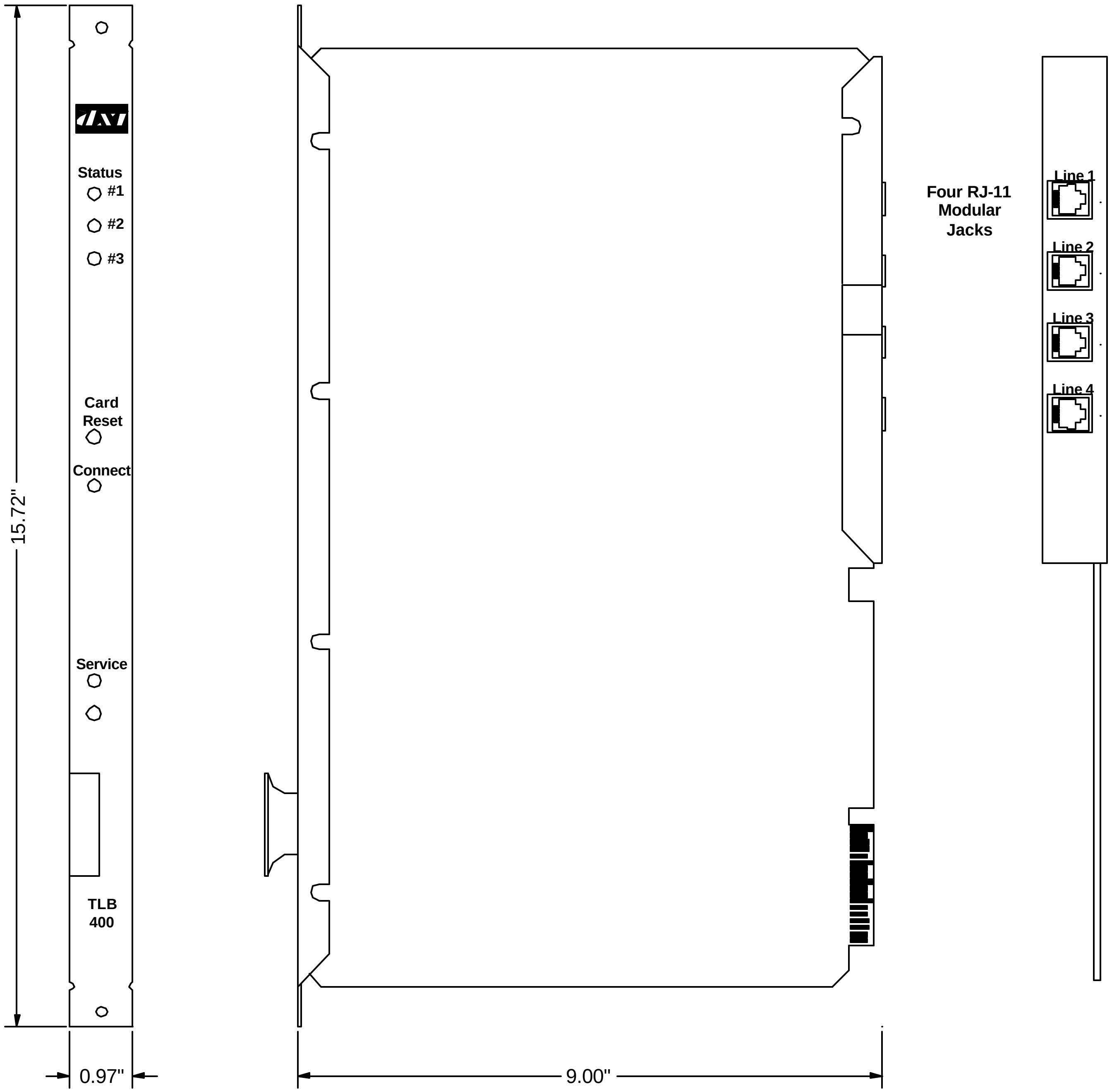


**TLB-400**

# 3. Installation

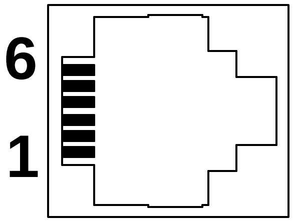
## 3.1 Electrical Connections to the TLB

Each central office Ring and Tip line is connected to the TLB through one of the four RJ-11 connectors located on the back plate of the TLB-400 board. The location of the four RJ-11 modular jacks is shown on the following diagram The modular jacks are labeled LINE1 to LINE4.



**TLB-400 card Showing Location of Four RJ-11 Connectors**

The RJ-11 modular jack is a 6 pin connector. The following diagram shows th position of the pins..



**RJ-11 Modular Jack Showing Pin Numbers**

In order to comply with FCC regulations, each of the four circuits is terminated in a standard RJ-11C connector as shown in the following table. The modular jacks on the TLB have 6-positions, but only positions 2 through 5 are pinned out on the RJ-11C connector.

| Position RJ-11 Modular JacK | Pin RJ-11C Connector | Signal |
|---|---|---|
| 1 | | N.C. |
| 2 | 1 | N.C. |
| 3 | 2 | Ring |
| 4 | 3 | Tip |
| 5 | 4 | N.C. |
| 6 | | N.C. |