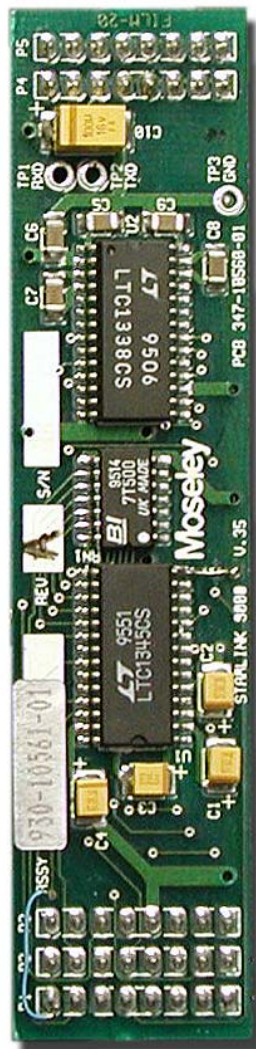


User Manual

Intelli-Mux —

V.35 Module



Doc. 602-14323-18

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SECTION	DWG	REV	REVISED/ RELEASED
		draft	

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1 Functional Description

The function of this module is to translate V.35 levels to TTL and vice-versa to and from the Intelli-Mux main module. With data rates of 8 kbps to 2048 kbps, the signaling standard conforms to the V.35 electrical standards. The card is natively configured as a DCE port.

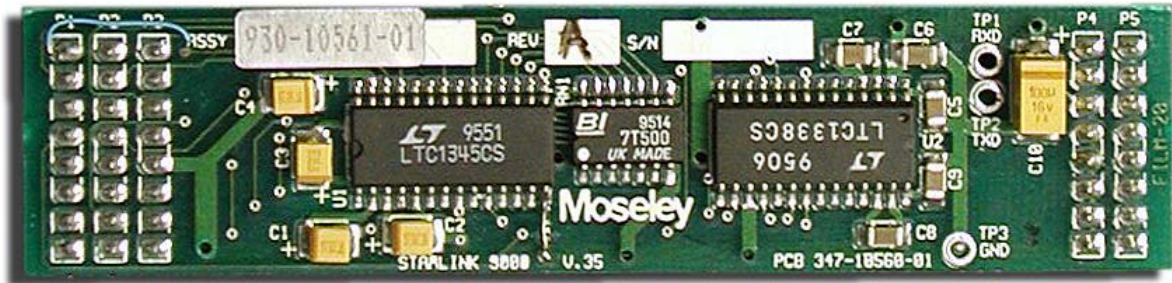


Figure 1.1 - V.35 Board

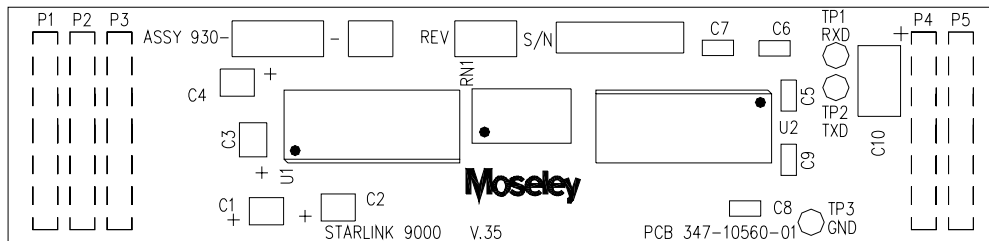


Figure 1.2 - V.35 Assembly

2 Technical Specification

- Interface Modes Supported:
 - V.35
- Pin Assignment: 15 pin / port
- Maximum input voltage on receivers: ± 18 V.
- Synchronous data rates to 10 Mbps (dependent on cable lengths.)
- Clock timing modes dependent on Intelli-Mux.

3 Installation

Turn the power off and remove the Intelli-Mux from the chassis.

Plug the board into any available channel on the Intelli-Mux, matching the orientation by noting the number of pins on each end of the board.

Replace the Intelli-Mux into the chassis.

Connect the appropriate cable or adaptor to the same external connector that corresponds to the channel where the board is installed.

Apply power to the chassis.

Configure the Intelli-Mux for desired operation. (See the Intelli-Mux sections of the manual).

4 Configuration

There is no configuration available on this board. Refer to the Intelli-Mux manual for clock configurations and setup.

5 Connectors and Cabling

Synchronous Data I/O (V.35)

Function	Intelli-Mux HD15(f) PIN
Signal Ground	1
TX CLK OUT A	2
TX CLK OUT B	3
TX CLK IN A	4
TX CLK IN B	5
TX DATA IN A	6
TX DATA IN B	7
RX CLK OUT A	10
RX CLK OUT B	11
RX DATA OUT A	13
RX DATA OUT B	14
RX CLK IN A	15
RX CLK IN B	9

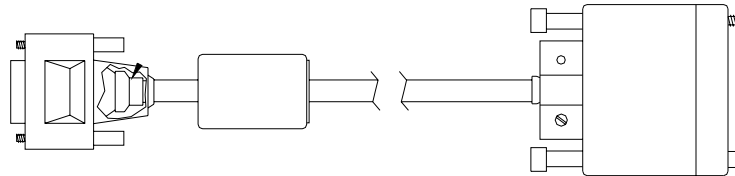
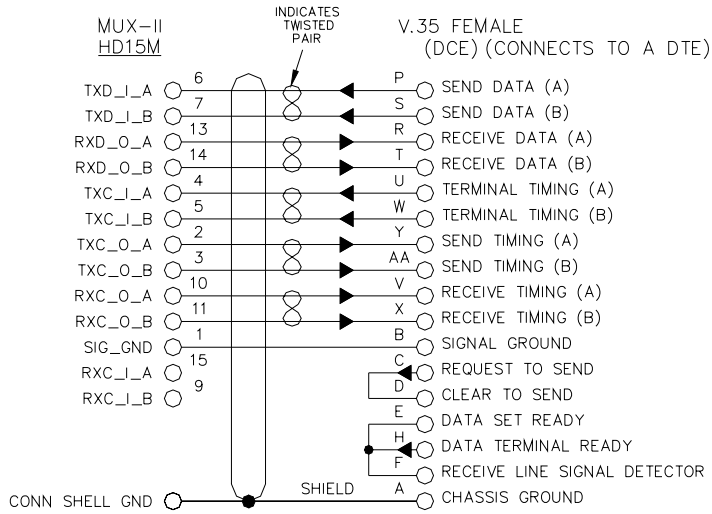


Figure 5.1 - Mux- V.35 DCE 230-11058-01(f) 230-11044-01(m)

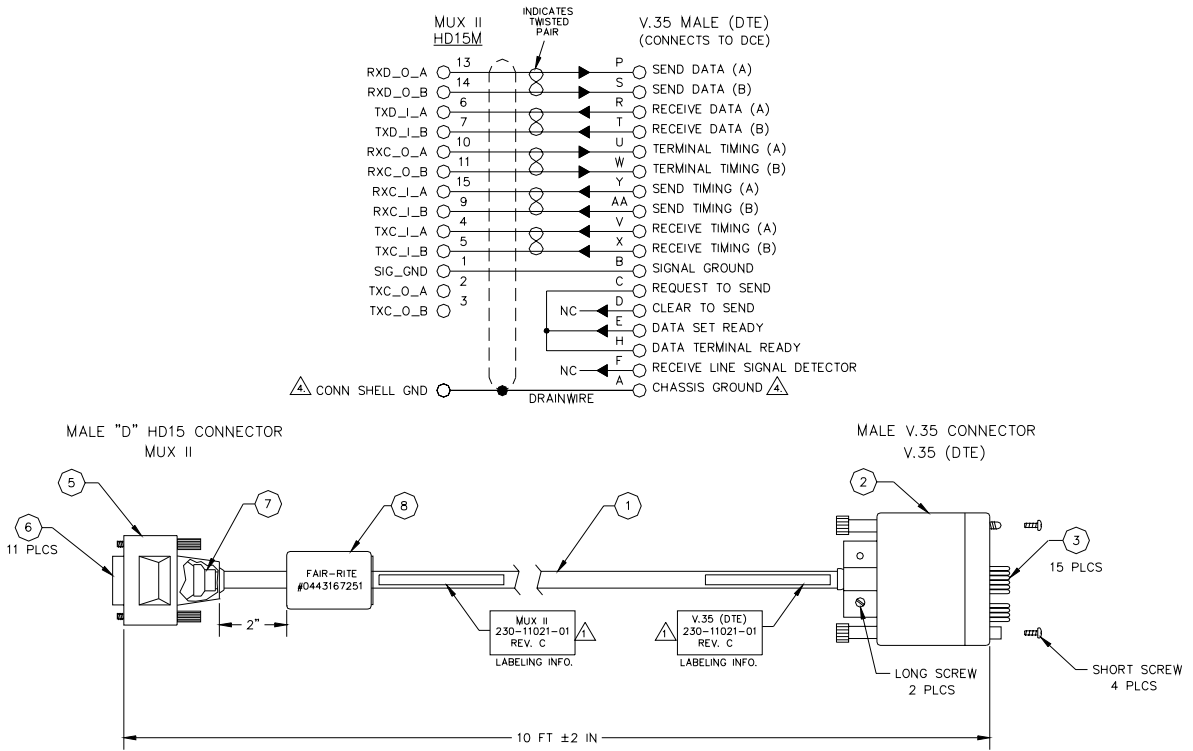


Figure 5.2 - Mux- V.35 DTE 230-11021-01