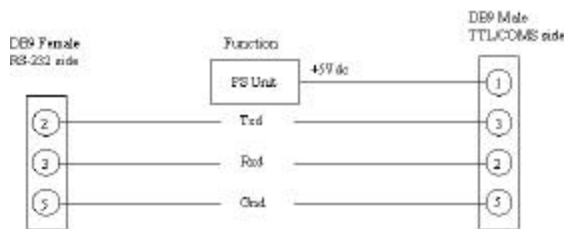# Model: ECD232TTL

RS-232 to TTL Converter

The ECD232TTL is designed to convert the RS-232 level signals into TTL/CMOS level signals. The unit allows you to connect a TTL device, such as the serial port on the micro-controller, to the serial port of the PC. The conversion circuit is housing inside the DB9 adaptor housing and the power is supplied from the micro-controller board.

The DB9S female connector is for RS-232 side and the DB9S male connector is for TTL/COMS side.
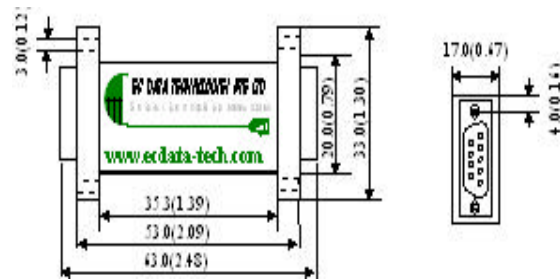

Note: RTS/CTS, DTR/DSR/DCD are shorted at the RS-232 end.

It is important that TTL/COMS logic, and only TTL/COMS logic (0 to 5Vdc) is used for the TTL/CMOS side of the unit. The maximum sink current for one TTL/CMOS output is 3.2mA and maximum source current is 1mA.

Mechanical / Environment

Operating Range	: -40C to +65C
Storage Range	: -40C to +100C
Relative Humidity	: 10 to 90% RH, non-condensing
RS-232 ports	: 9-pin, male, DTE, gold pins rated 500 cycles
Weight	: approx 21g

Dimensions in mm (and inches)

Specifications subject to change without notice.