**EC DATA TECHNOLOGIES PTE LTD**
Specialist in Electronics & Data Communication

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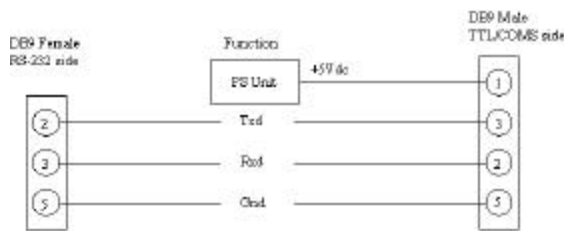Email: info@ecdata-tech.com

# Model: ECD232TTL

**RS-232 to TTL Converter**



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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.
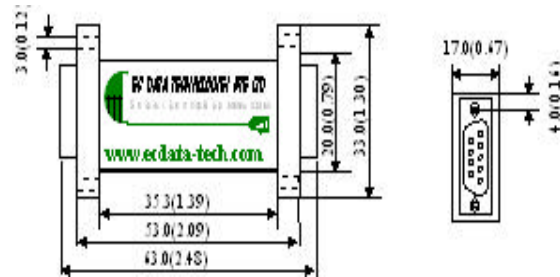


Note: RTS/CTS, DTR/DSR/DCD are shorted at the RS-232 end.

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.**