

WitJack

1X1 Tab-UP RJ45

RJ-101B02B

Witmag

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Features

Description:

- ◆ 10/100 Base-TX RJ45 1X1 Tab-UP with LEDs 8-pin integrated magnetics connector(ICM), designed to support applications, such as SOHO (ADSL modems), LAN-on-Motherboard(LOM), Hub and Switches.

Features and Benefits:

- ◆ 1X1 Tab-UP RJ45 with internal magnetics
- ◆ Suitable for CAT 5 & 6 Fast Ethernet Cable or better UTP
- ◆ Internal magnetics are 100% electrically tested for HI-POT and functionality

Electrical Performance Summary:

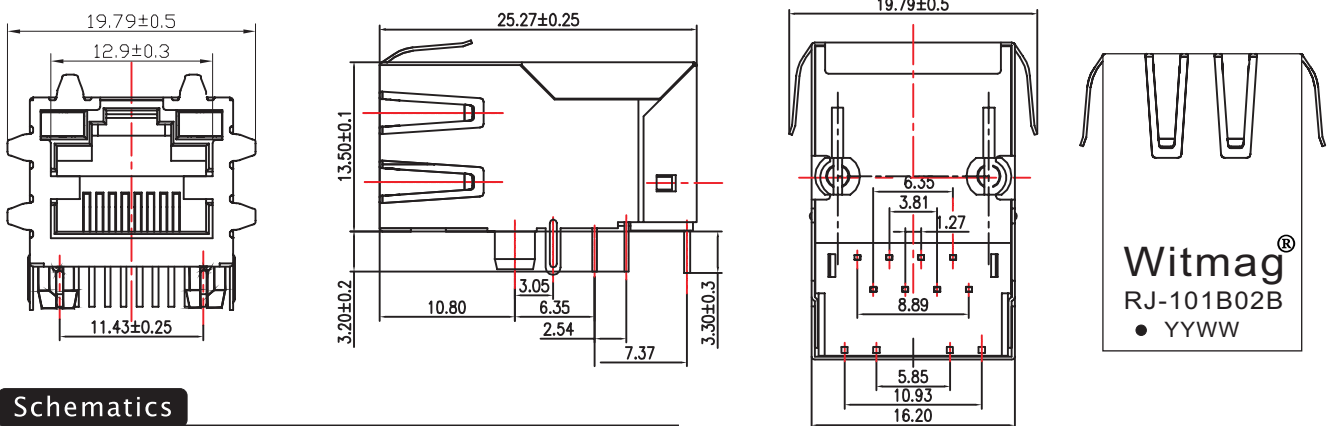
- ◆ Internal magnetics options available
- ◆ Meets or exceeds IEEE 802.3 standard for 100Base-T
- ◆ 350 uH minimum OCL with 8 mA bias current
- ◆ High performance for maximum EMI suppression
- ◆ Minimum 1500 Vrms isolation per IEEE 802.3 requirement

SPEC

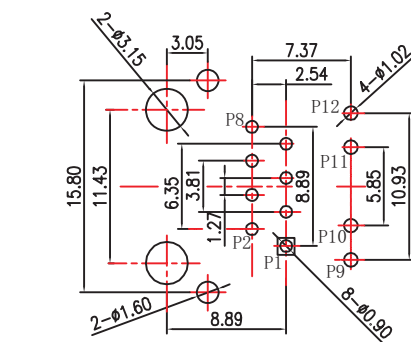
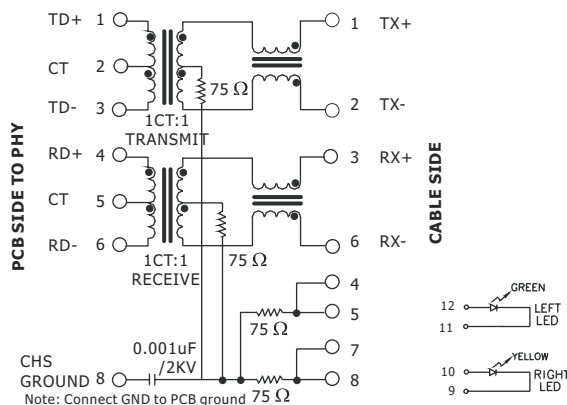
Electrical Specifications @25°C - Operating Temperature 0°C to 70°C

Part Number	Turns Ratio		EMI Fingers	LEDs L/R	Insertion Loss (dB TYP)		Return Loss (dB TYP)			Crosstalk (dB TYP)			Common Mode Rejection (dB TYP)		Hipot (Vrms) @50 Hz
	TX	RX			1-65 MHz	1-10 MHz	10-30 MHz	30-60 MHz	60-80 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-50 MHz	50-150 MHz	
RJ-101B02B	1CT:1	1CT:1	YES	G/Y	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500

Mechanicals



Schematics



P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.

ALL CENTERLINE DIMENSIONS ARE BASIC