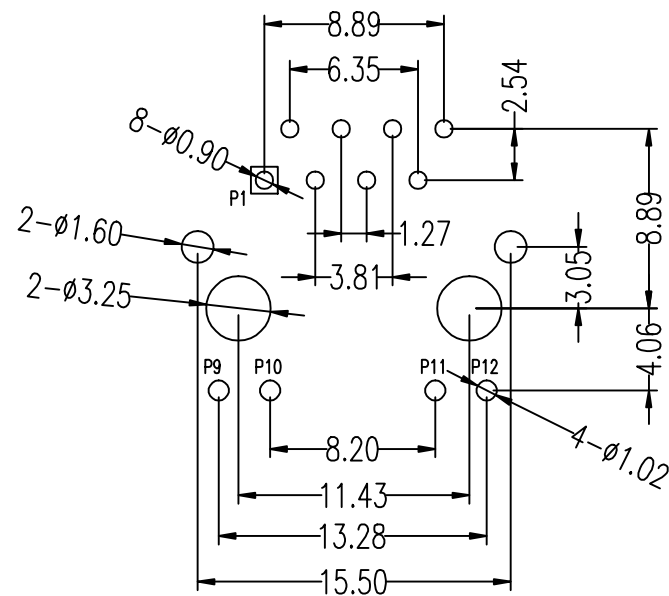
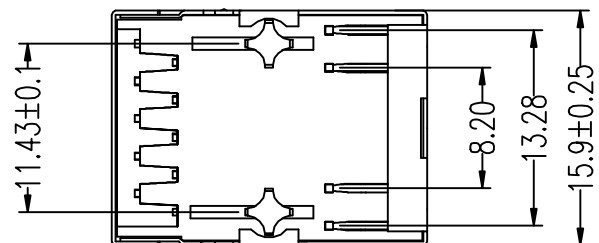
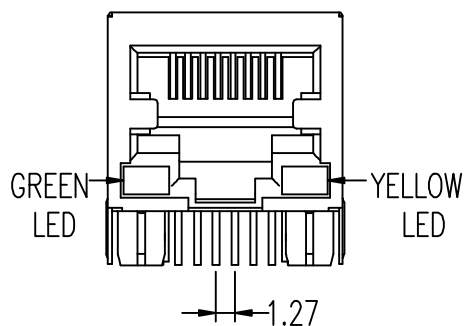
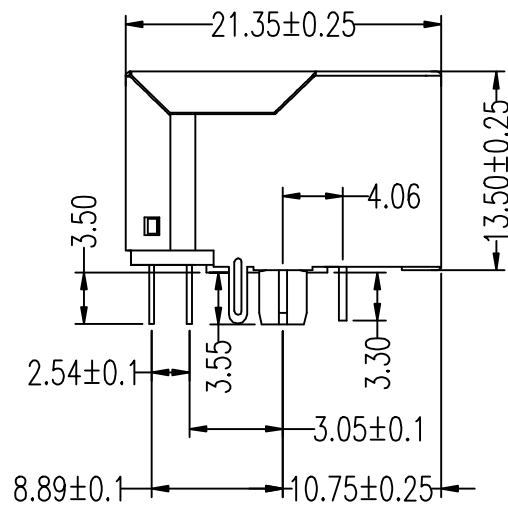
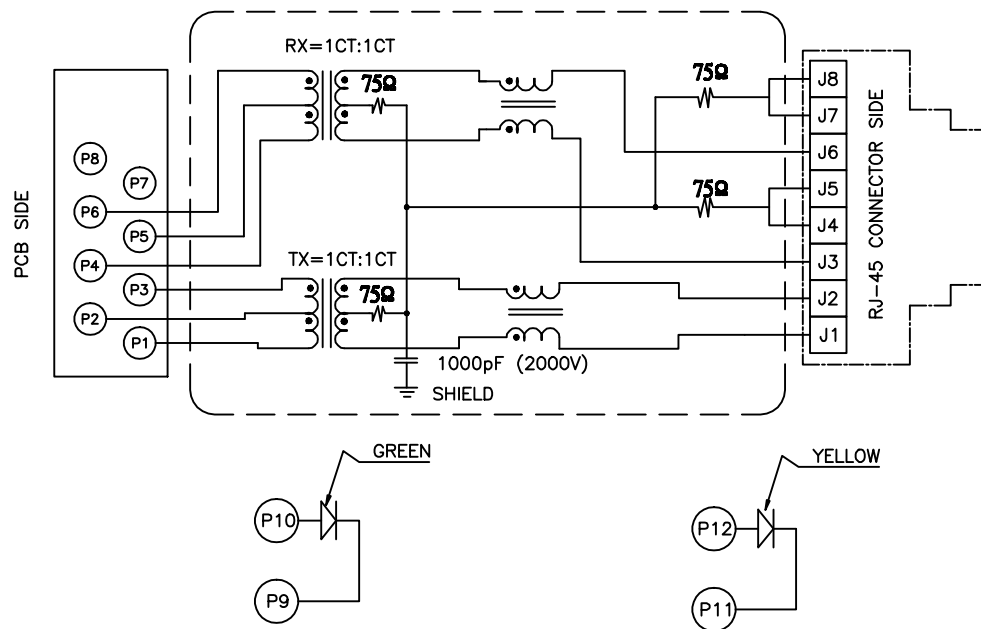




PCB SUGGEST PAD LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± 0.25

						 <i>Link & Power up Your Life II</i> TEL: (02)6629-6667 FAX: (02)6629-8662		TITLE RJ45 1*1 w/ Transformer	
								10/100 w/ LED	
A	CHANGE 19.5 TO 15.9	09/24/2010	SHIRLEY	BETTY	KING	UNITS: M/M		DWG. NO. RJC-002R	
	RELEASE	12/17/2009	LIGHT	BETTY	KING			SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	SHEET 1 OF 2	
REVISIONS						12/17/09		DRAW LIGHT	



ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX/RX = 1CT : 1CT $\pm$ 3%.
2. HI-POT : 1500 Vrms.
3. L/L (@100KHz / 0.1Vrms) : 0.4uH MAX.
4. CW/W (@100KHz / 0.1Vrms) : 20pF TYP.
5. DCR: P1-P3 / P4 / P6 = 0.5 Ω MAX.
J1-J2 / J3-J6 = 1.1 Ω MAX.
6. OCL (@100KHz / 0.1Vrms, WITH 8MA DC BIAS) : 350uH MIN.
7. INSERTION LOSS (@0.1-100MHz) = -1.0 dB MAX.
8. RETURN LOSS : 1~30MHz = -18dB MIN.
40~50MHz = -15dB MIN.
60~80MHz = -12dB MIN.
9. CROSS TALK (@0.1-100MHz) = -40dB TYP.
10. RISE TIME (10-90%) : 2.5ns TYP.
11. CMRR (@0.1-100MHz) : -40dB TYP.
12. RoHS COMPLIANT

						 Atech <i>Link & Power up Your Life !!</i>	TITLE RJ45 1*1 w/ Transformer	
							10/100 w/ LED	
A	CHANGE 19.5 TO 15.9	09/24/2010	SHIRLEY	BETTY	KING	TEL: (02)6629-6667 FAX: (02)6629-8662	DWG. NO. RJC-002R	
	RELEASE	12/17/2009	LIGHT	BETTY	KING	UNITS: M/M	SAFETY	SHEET 2 of 2
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 12/17/09	P/N:	DRAW LIGHT
REVISIONS								