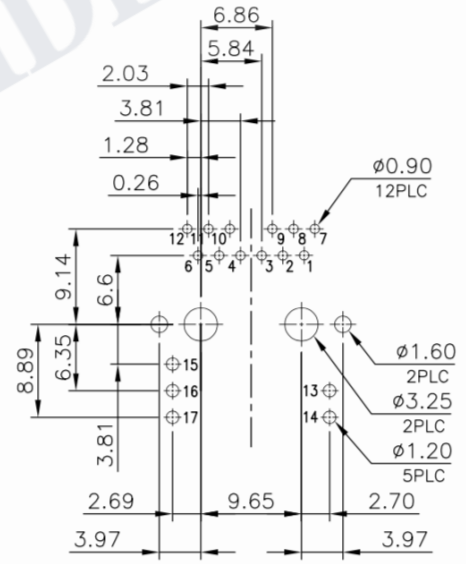
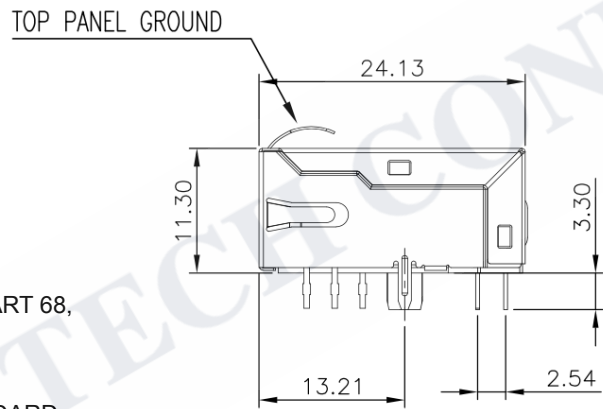
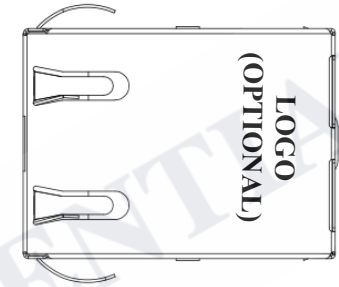
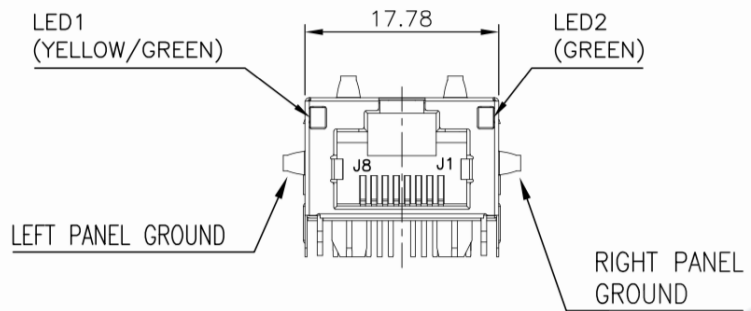
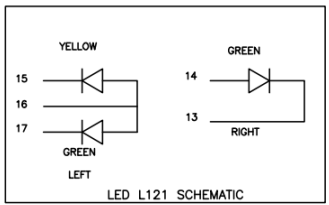
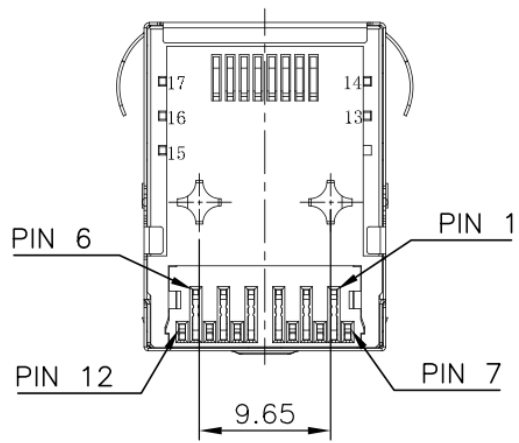


REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		10/17/2009	



RECOMMENDED PCB LAYOUT
PCB THICKNESS: 1.6mm
TOLERANCE: ±0.05mm (TOP VIEW)

NOTES:
CAVITY CONFIRMS TO FCC RULES AND REGULATION PART 68, SUBPART F.

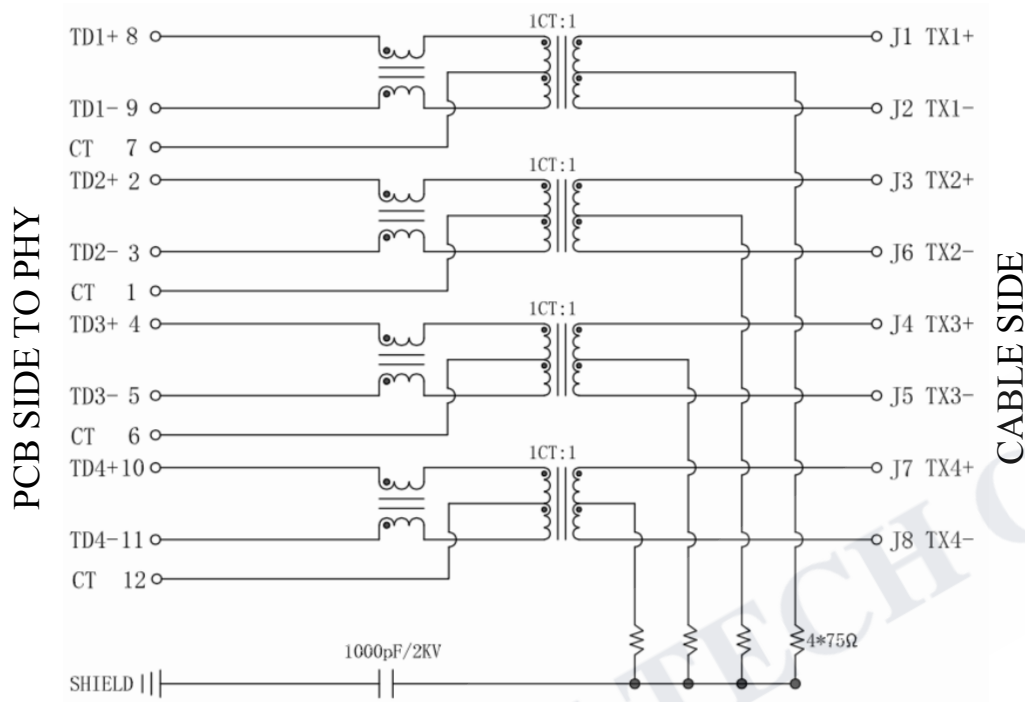
1. CONNECTOR MATERIALS:
 1.1 HOUSING: PA66, WITH GLASS FIBER, UL94V-0, STANDARD COLOR-BLACK.
 1.2. TERMINALS BRACKET: PA66, WITH GLASS FIBER, UL94V-0, STANDARD COLOR-BLACK.
 1.3. CONTACTS: PHOSPHOR BRONZE
 1.4. SHELL: BRASS.
 1.5. LED SOLDER TAIL: STEEL.

2. FINISH:
 2.1 CONTACTS: GOLD PLATED ON CONTACT AREA, 50µ" [1.27µm] MIN. NICKEL UNDERPLATED OVERALL.
 2.2 SOLDER TERMINAL: 80µ" [8.032µm] TIN PLATED ON SOLDER TAIL, 50µ" [1.27µm] MIN. NICKEL UNDERPLATED OVERALL.
 2.3. SHIELD: 20µ" [0.508mm] MIN. NICKEL PLATED.
 2.4. LED SOLDER TAIL: 80µ" [2.032mm] MIN. TIN PLATED.



X:X	±0.20	APPD:	Jessie	TELEWIRE TECHNOLOGY CO., LIMITED
X:XX	±0.10	CHKD:	Kevin	
X:XXX	±0.05	DR:	Michael	RJ45 Connector with 1000 Base-T Integrated Magnetics
ANGLES	±1°	UNIT:	mm	PART NO.: TWE088292323S4L23
	SCALE: 2/1	SHEET:	2/2	REV: A DWG: TWE088292323S4L23

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		10/17/2009	



Electrical Specification @25°C

1. Inductance:
350μH Min @0.1V, 0.1MHz, 8mA DC Bias

2. Return Loss:
1MHz-30MHz: -18dB Min
30MHz-60MHz: -14dB Min
60MHz-80MHz: -12dB Min
80MHz-100MHz: -10dB Min

3. Common-Mode Rejection:
1MHz-100MHz: -30 dB Min

4. Cross Talk:
1MHz-30MHz: -40 dB Min
30MHz-60MHz: -12 dB Min
60MHz-100MHz: -10 dB Min

5. Operating Temperature: -40°C to 80°C

6. Insertion Loss:
1MHz-100MHz: -1.0 dB Max

7. Turns Ratio (±2%):
(1-3):(J1-J2)=1CT:1CT
(4-6):(J3-J6)=1CT:1CT

8. Hi-Pot: 2250V DC 6S 1mA PRI TO SEC



X:X	±0.20	APPD: Jessie	TELEWIRE TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD: Kevin		
X:XXX	±0.05	DR: Michael	RJ45 Connector with 1000 Base-T Integrated Magnetics	
ANGLES	±1°	UNIT: mm	PART NO.: TWE088292323S4L23	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG: TWE088292323S4L23