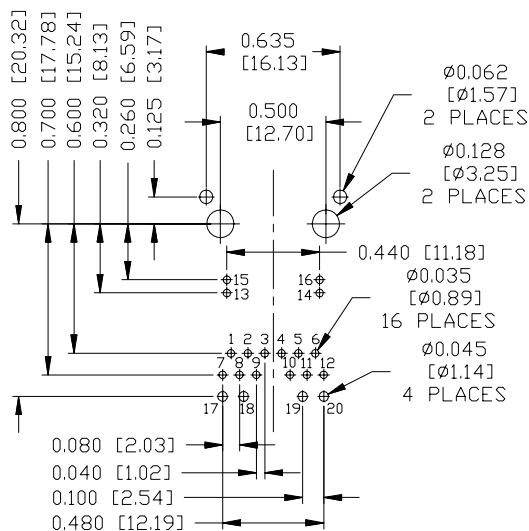
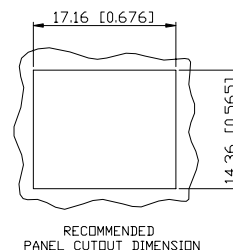
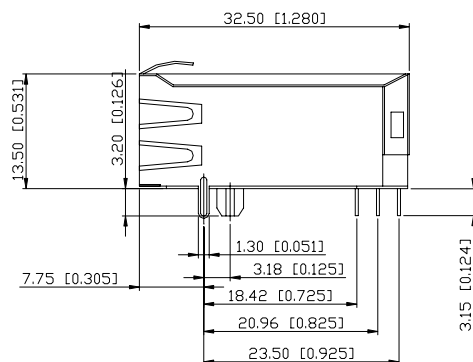
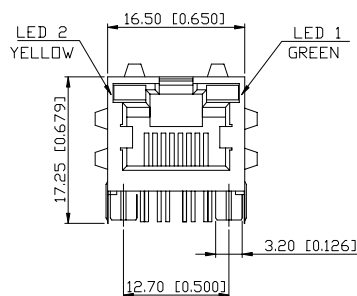
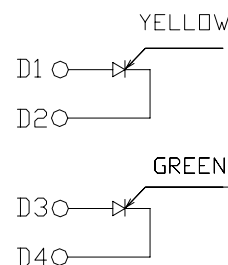




SUGGESTED PCB LAYOUT  
TOP VIEW



## ELECTRICAL SPECIFICATIONS @ 25°C+/-5°C unless otherwise noted:

**Insertion Loss:** 1-100MHZ -1.0dB MAX

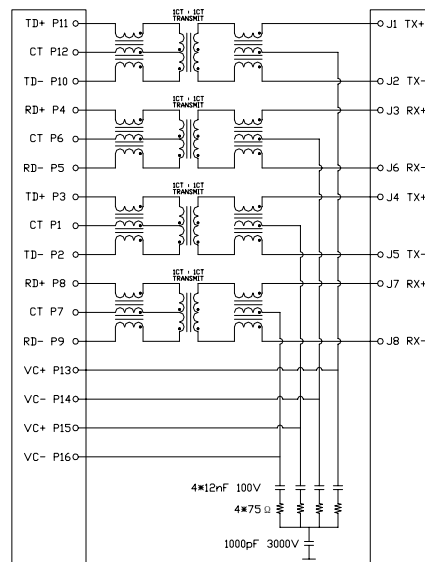
**Return Loss:** 1-30MHZ -16.0dB MIN  
30-60MHZ -14.0dB MIN  
60-80MHZ -10.0dB MIN

**Cross Talk:** 1-30MHZ -40.0dB MIN  
30-60MHZ -35.0dB MIN  
60-80MHZ -30.0dB MIN

**CMR:** 1-100MHZ -35.0dB MIN

**Hi-Pot:** 2250v DC 60S 1mA

**OCL:** 350uH MIN @ 100KHZ 100mV 8mA DC



**Contacts:** 0.35mm thick phos bronze plated with 6u' gold in contact area

**Turn Ratio:** 1CT:1CT+/-3%

**Operating temperature range:** 0°C to +70°C

**Housing Material:** PBT Black



**UNIT: mm**  
.xx +/-0.25 .xxx +/-0.13

**Approved By : Herman Au**

**1000BASE  
1X1Tab-Up RJ45**

**P/N:HRJ-YL1Q013S237pCNL**

**REV.  
A**

**Drafted by CZ Lin**

**Sheet 1 of 1**