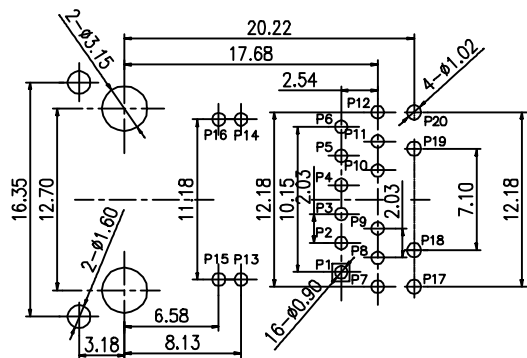
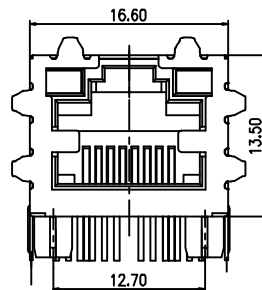
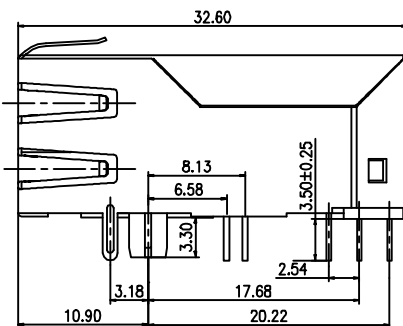
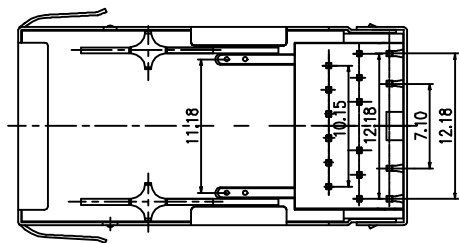
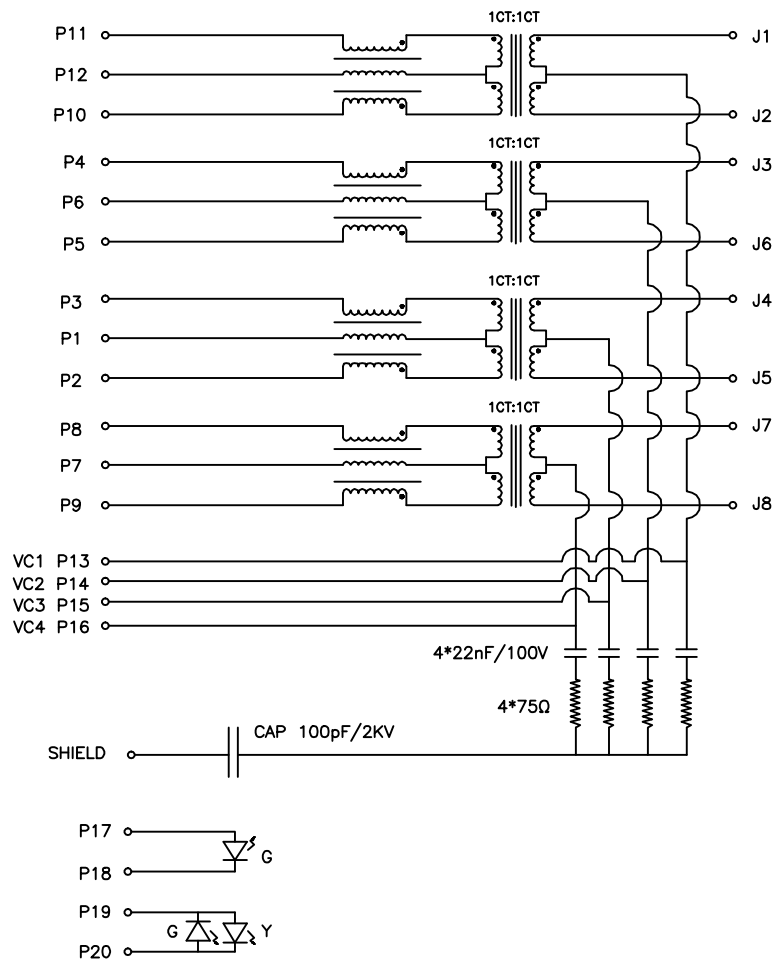




P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
ALL CENTERLINE DIMENSIONS ARE BASIC



ALL THE RAW MATERIALS MEET RoHS STANDARD

								TITLE 59 1*1PORT WITH TRANSFORMER AND LED,EM,POE, 1000BT,BEFORE 3.18 DWG. NO. RJC-064R	
RELEASE		07/26/2012	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 07/26/12		P/N:	
REVISIONS								DRAW Shirley	
								SHEET 1 of 2	

ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : (P11-P10) : (J1-J2) : 1 : 1 $\pm$ 3%
 (P4-P5) : (J3-J6) : 1 : 1 $\pm$ 3%
 (P3-P2) : (J4-J5) : 1 : 1 $\pm$ 3%
 (P8-P9) : (J7-J8) : 1 : 1 $\pm$ 3%
2. INDUCTANCE :
 (P11-P10) 350uH MIN. @0.1V, 100KHz, 8mA DC BIAS
 (P4-P5) 350uH MIN. @0.1V, 100KHz, 8mA DC BIAS
 (P3-P2) 350uH MIN. @0.1V, 100KHz, 8mA DC BIAS
 (P8-P9) 350uH MIN. @0.1V, 100KHz, 8mA DC BIAS
3. LEAKAGE INDUCTANCE :
 P11-P10(WITH J1 AND J2 SHORT) : 0.35uH MAX. @1MHz
 P4-P5(WITH J3 AND J6 SHORT) : 0.35uH MAX. @1MHz
 P3-P2(WITH J4 AND J5 SHORT) : 0.35uH MAX. @1MHz
 P8-P9(WITH J7 AND J8 SHORT) : 0.35uH MAX. @1MHz
4. INTERWINDING CAPACITANCE :
 (P11-P10) : (J1-J2) : 115pF MAX. @1MHz
 (P4-P5) : (J3-J6) : 115pF MAX. @1MHz
 (P3-P2) : (J4-J5) : 115pF MAX. @1MHz
 (P8-P9) : (J7-J8) : 115pF MAX. @1MHz
5. DC RESISTANCE : (J1-J2) : (J3-J6) : (J4-J5) : (J7-J8) : 1.2 Ω MAX.
6. DIELECTRIC WITHSTAND : (P11-P10) : (J1-J2) : 1500VAC
 (P4-P5) : (J3-J6) : 1500VAC
 (P3-P2) : (J4-J5) : 1500VAC
 (P8-P9) : (J7-J8) : 1500VAC
7. INSERTION LOSS : 0.5MHz TO 100MHz : -1.2dB MAX.
8. RETURN LOSS : 0.5MHz TO 40MHz : -18dB MIN.
 40.1MHz TO 100MHz : -(12-20LOG(f/80)dB MIN.)(WHERE f IS IN MHz)
9. CROSS TALK : 0.5MHz TO 40MHz : -35dB MIN.
 40.1MHz TO 100MHz : -(33-20LOG(f/50)dB MIN.)(WHERE f IS IN MHz)
10. COMMON TO COMMON MODE ATTENUATION : 0.5MHz TO 100MHz : -30dB MIN.
11. RoHS COMPLIANT

								TITLE 59 1*1PORT WITH TRANSFORMER AND LED,EM,POE, 1000BT,BEFORE 3.18 DWG. NO. RJC-064R	
	RELEASE	07/26/2012	SHIRLEY	BETTY	BETTY	UNITS:	M/M	SAFETY	SHEET 2 of 2
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	07/26/12	P/N:	DRAW
REVISIONS								Shirley	