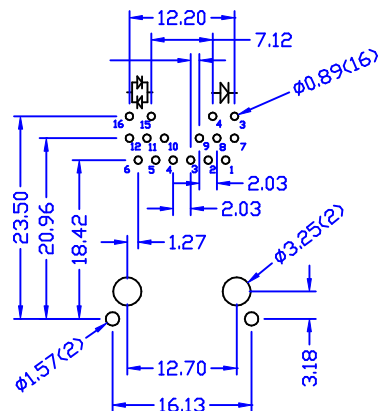
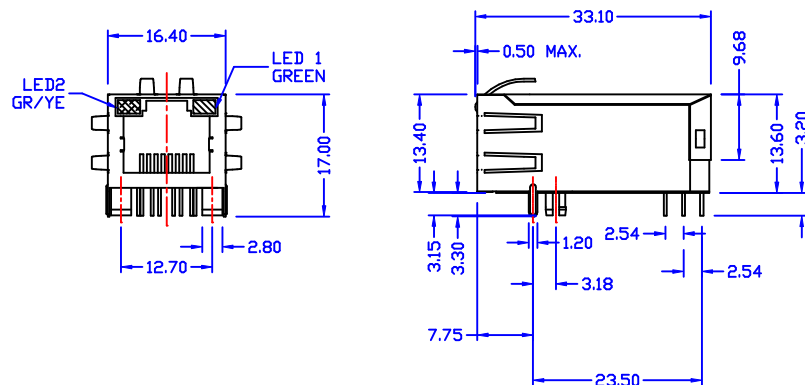
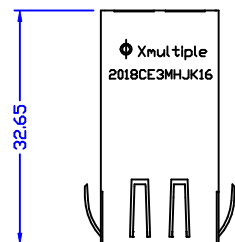
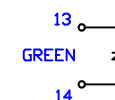
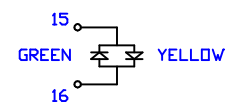
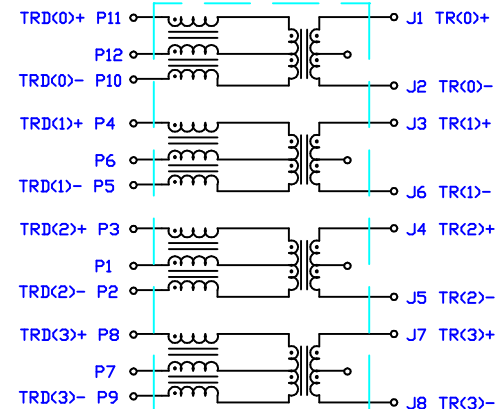




PCB LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± 0.3

CONNECTOR SOLDER SIDE 1CT:1CT RJ45 CONTACT SIDE



ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX = 1CT:1CT $\pm 3\%$,
RX = 1CT:1CT $\pm 3\%$.
2. INDUCTANCE (@100KHZ/0.1V WITH 8mA DC BIAS) : 350 μ H MIN.
3. DCR : 1.0 OHM MAX.
4. INSERTION LOSS : 0.1~100MHZ = -0.8 dB MAX.
100~120MHZ = -1.2 dB MAX.
5. HI-POT : 1650 Vrms.
6. RETURN LOSS : 0.5~40MHZ = -18 dB MIN.
40~100MHZ = -12+20 log(f/80MHZ) dB MIN.
7. CROSS TALK : 0.1~100MHZ = -33+20 log(f/100MHZ) dB MIN.
8. DCMRR : 0.1~100MHZ = -35 dB MIN.
9. CMRR : 0.1~100MHZ = -30 dB MIN.

					Atech®		TITLE	
					Atech Technology Co., Ltd.		LAN-MATE	
					TEL:022794-6667 FAX:022794-8004		DWG. NO.	
							XRJH-2-01-8C-E3M-H-JK16	
RELEASE		11/01/2004	BART	AL	SUEDY	UNITS:	SAFETY	
NO. DESCRIPTION		DATE	BY	CHK	APPD	M/M		
REVISIONS					DATE		SHEET 1 OF 1	
					11/01/04		DRAW	
							Pair	