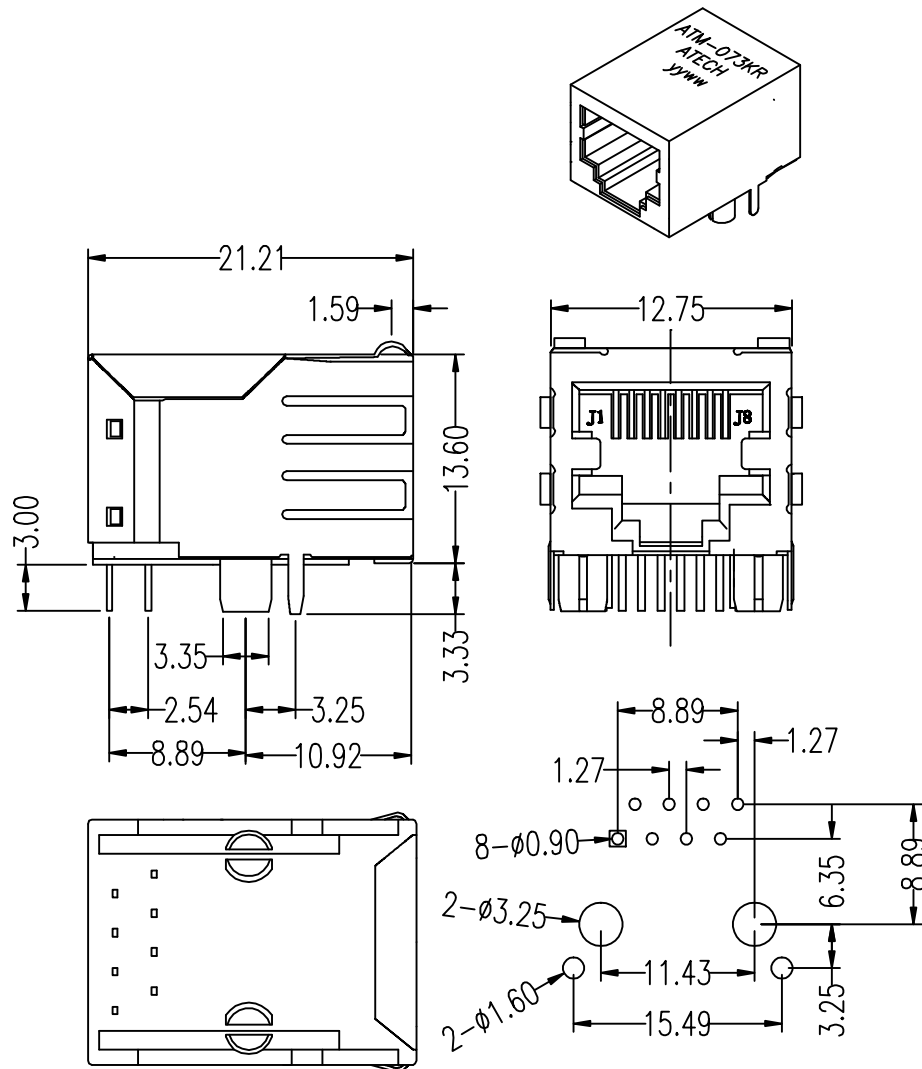
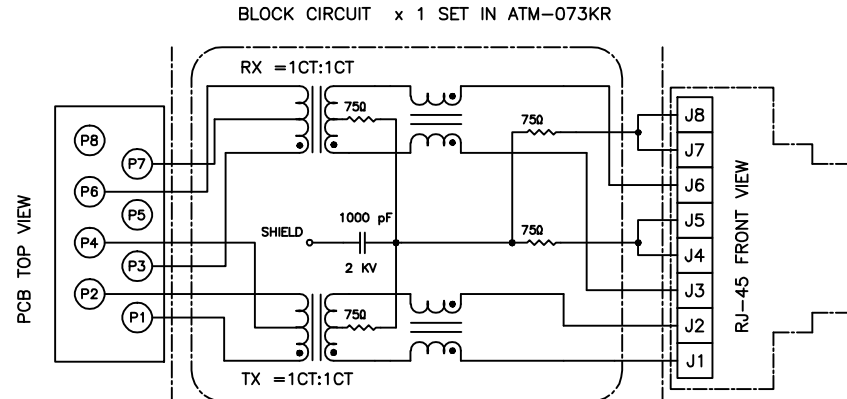




UNLESS OTHERWISE SPECIFIED
ALL TOLERANCES ARE ± 0.25



ELECTRICAL CHARACTERISTICS :

1. TURN RATIO : (P1~P2) : (J1~J2) : 1 : 1 $\pm 3\%$
(P3~P6) : (J3~J6) : 1 : 1 $\pm 3\%$
2. INDUCTANCE : (P1~P2) 350uH MIN. @0.1V, 100KHz, 8mA DC BIAS
(P3~P6) 350uH MIN. @0.1V, 100KHz, 8mA DC BIAS
3. LEAKAGE INDUCTANCE : P1~P2 (WITH J1 AND J2 SHORT) : 0.3uH MAX. @1MHz
P3~P6 (WITH J3 AND J6 SHORT) : 0.3uH MAX. @1MHz
4. INTERWINDING CAPACITANCE : (P1~P2) : (J1~J2) : 35pF MAX. @1MHz
(P3~P6) : (J3~J6) : 35pF MAX. @1MHz
5. DC RESISTANCE : (J1~J2) : (J3~J6) : 1.2 Ω MAX.
6. RETURN LOSS : 1MHz TO 30MHz : -18dB MIN.
30MHz TO 80MHz : -12dB MIN.
7. DIELECTRIC WITHSTAND : (P1~P2) : (J1~J2) : 1500VAC
(P3~P6) : (J3~J6) : 1500VAC
8. INSERTION LOSS : RS = RL = 100 Ω 100KHz TO 80MHz : -1.2dB MAX.
9. CROSS TALK : 1MHz TO 100MHz 33dB TYP
10. COMMON TO COMMON MODE ATTENUATION : 30MHz TO 100MHz : 35dB TYP

						 Atech <i>Link & Power up Your Life II</i> TEL: (02)6629-6667 FAX: (02)6629-8662	TITLE 10/100 BASE-T TRANSFORMER	
							DWG. NO. ATM-073KR	
	RELEASE	12/07/2009	LIGHT	WILLIE	KING	UNITS: M/M	SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	SHEET 1 OF 1
REVISIONS						12/07/09	DRAW LIGHT	