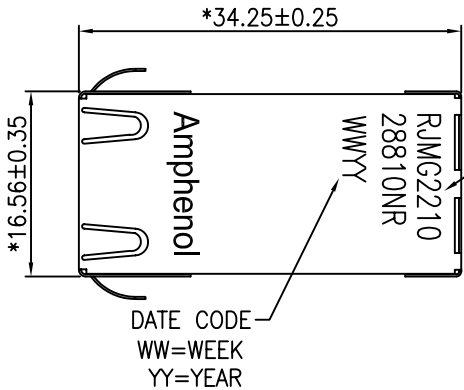
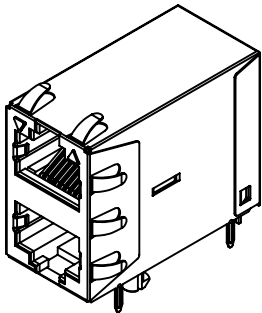


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CUSTOMER DRAWING

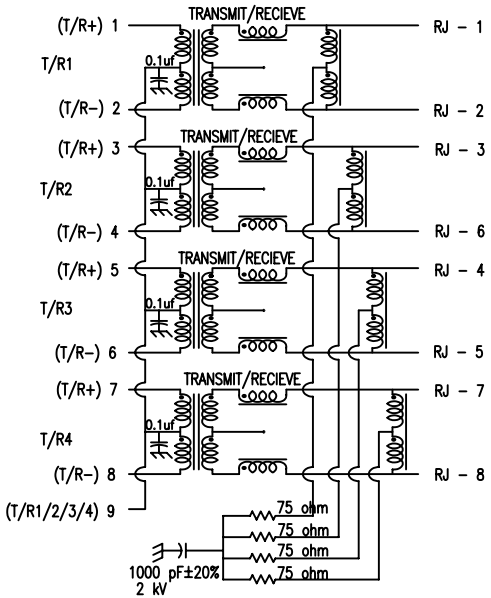
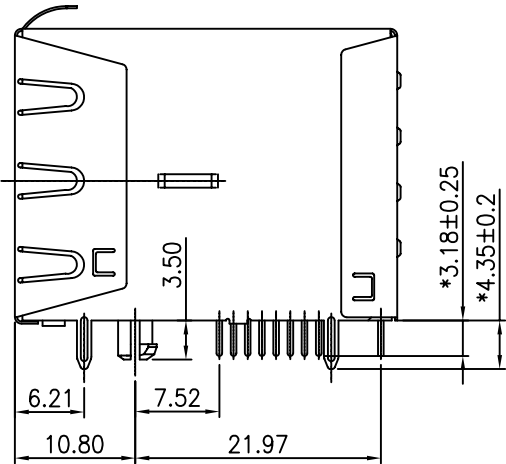
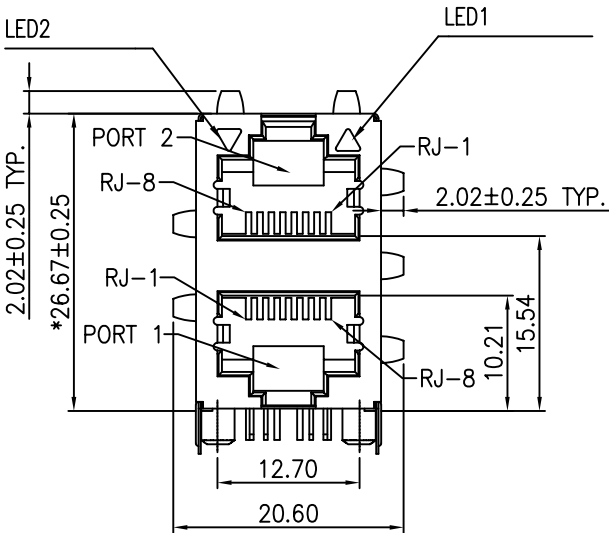
REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE
AX2		PRELIMINARY RELEASE	10/27/2005
			Joseph Hsu



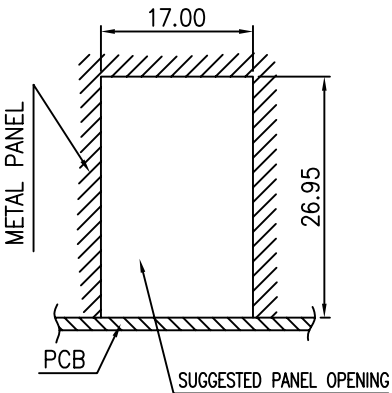
P/N & DATE CODE



TYPICAL LED DIAGRAM



SCHEMATIC DIAGRAM



PANEL CUT-OUT



STANDARD DIMENSION TOLERANCE FOR CONNECTOR		APPROVALS		DATE	TITLE RJMG2210 SERIES T RJmag 1000 BASE 1 OVER 1 CONNECTOR		Amphenol® Amphenol Corporation		
.X		DRAWN	Lucy Lee	10/27/2005					
.XX	±0.2	CHECKED	Jason Zhan	10/27/2005					
.XXX		APPROVED	Joseph Hsu	10/27/2005					
STANDARD DIMENSION TOLERANCE FOR PC BOARD & PANNEL CUT OUT				UNIT	SIZE	PART NO.	DRAWING NO.	REV.	
.X				MM	A3	RJMG22112XX10NR	RJMG22112XX10NR	AX 1	
.XX	±0.05								
.XXX									

SCALE N.A. SHEET 1 OF 3

CUSTOMER DRAWING

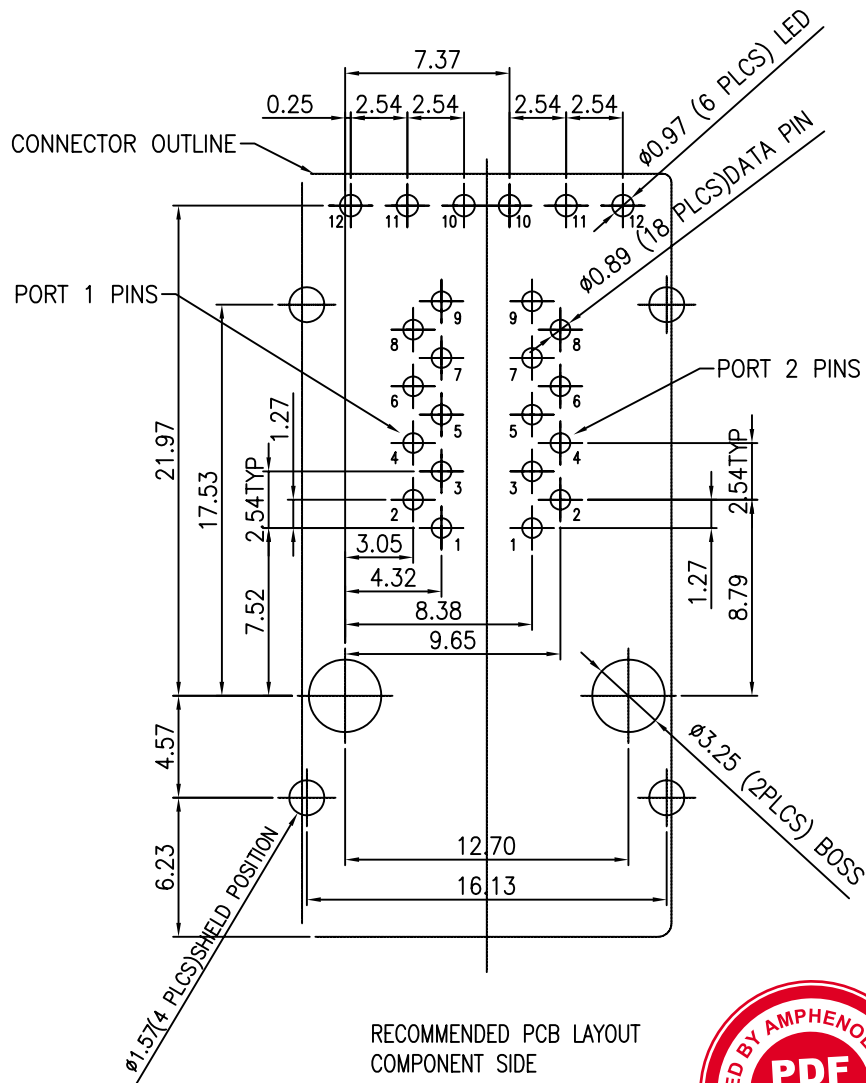
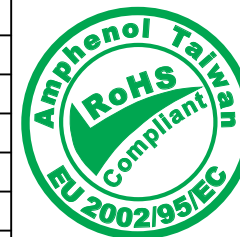
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		PRELIMINARY RELEASE	10/27/2005	Joseph Hsu

ELECTRICAL SPECIFICATION(@25° C) CONNECTOR PERFORMANCE

PARAMETER	LIMITS (MAX. OR MIN.)	FREQUENCY RANGE/TEST CONDITIONS
INSERTION LOSS (RX/TX)	-1.0dB MAX. -1.2dB MAX.	1-100 MHz 100-125 MHz
RETURN LOSS (RX/TX)	-16dB MIN. -10+20log(f/80MHz)dB MIN	1-40 MHz 40-100 MHz
CM-CM REJECTION	-30dB MIN.	300KHz-100MHz
CM-DM REJECTION	-35dB MIN.	300KHz-100MHz
CROSSTALK ISOLATION (RX/TX)	-30+20log(f/100MHz)dB MIN	1MHz-100MHz
HIPOT (ISOLATION)	1.5KVrms AC/2.25KV DC	FOR 60 SECONDS
OCL	350uH MIN.	100KHz, 0.1V, 8mA DC BIAS
TURN RATIO	1:1±5%	

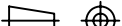
LED PERFORMANCE:

PARAMETER	GREEN	ORANGE	YELLOW	GREEN	UNITS
FORWARD CURRENT If max	30		30		mA
REVERSE CURRENT Ir max	10		10		uA
REVERSE VOLTAGE Vr max	-5		-5		V
T OPERATING Top	-40 - +85		-40 - +85		°C
T SOLDERING Ts	260 +/- 5		260 +/- 5		°C
POWER DISS. Pd	100		100		mW
INTENSITY Iv	20	25	25	30	mcd
PEAK WAVELENGTH	565	605	585	565	nm
FORWARD VOLTAGE TYP	2.2	2.0	2.1	2.2	V
FORWARD VOLTAGE max	2.6	2.6	2.5	2.6	V



RECOMMENDED PCB LAYOUT
COMPONENT SIDE



APPROVALS		DATE	TITLE RJMG2210 SERIES T RJmag 1000 BASE 1 OVER 1 CONNECTOR			Amphenol® Amphenol Corporation		
DRAWN	Lucy Lee	10/27/2005						
CHECKED	Jiman Zhan	10/27/2005						
APPROVED	Joseph Hsu	10/27/2005						
		UNIT MM	SIZE A3	PART NO. RJMG22112XX10NR	DRAWING NO. RJMG22112XX10NR		SCALE N.A.	SHEET 2 OF 3
							REV. AX1	

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		PRELIMINARY RELEASE	10/27/2005	Joseph Hsu

MATERIALS:

INSULATOR: THERMOPLASTIC POLYESTER,
COLOR: BLACK
FLAMMABILITY RATING UL 94V-0

CONTACTS (RJMG): PHOSPHOR BRONZE
PLATING: GOLD30U" OVER MATING SURFACES.
100 MICROINCHES BRIGHT TIN PLATED ON SOLDER TAIL.

SHIELD: COPPER ALLOY, NICKEL PLATING FINISHED.

DIMENSIONS MARKED WITH "*" SHALL BE MEASURED.

MECHANICAL FEATURES:

SOLDERABILITY: MIL-STD-202,METHOD 208.

MATING/UNMATING FORCE: 2.1KG MAX

RETENTION FORCE FOR RJ PORT: 5Kg FOR 1 MINUTE

PACKAGING: 40PCS/TRAY , 4 PLATSTIC TRAY IN ONE CARTON.
MEET FCC PART 68.500 REQUIREMENTS.

ENVIROMENTAL:

OPERATING TEMPERATURE:0°C TO +70°C.

STORAGE TEMPERATURE:-40°C TO +105°C.

SOLDERING TEMPERATURE: 220°C FOR 10 SECONDS

Humidity: per MIL-STD-1344A,method 1002.1, test condition B

Thermal Shock: per MIL-STD-1344A,method 1003.1, test condition A

Vibration: per MIL-STD-1344A,method 2005.1, test condition II

Mechanical Shock: per MIL-STD-1344A,method 2004.1, test condition C

Salt Spray: 24 hours per MIL-STD-1344A,method 1001.1, test condition B

P/N CODE:

RJMG-2211 - 2 X- X X- 0 X X

COMPLINAT CODE

R: RoHS Compliant

GOLD PLATING THICKNESS
ON MATING SURFACE

N: Gold 30u Inches, Copper Alloy Shield with Nickel 50u inches, Tray

LED1 (RIGHT SIDE)

- 8- Bi color Green/Orange(3 leads)
- 9- Bi-color Green/Yellow(3 leads)

TERMINATION OPTIONS

1: 2 CHOKE, 4 X 75 OHM RESISTORS, 1000 pf (2KV)

LED2 (LEFT SIDE) SEE LED1 OPTIONS



APPROVALS		DATE	TITLE		Amphenol® Amphenol Corporation		
DRAW	Lucy Lee	10/27/2005					
CHECKED	Jason Zhan	10/27/2005					
APPROVED	Joseph Hsu	10/27/2005					
		UNIT	MM	SIZE	A3	PART NO.	RJMG22112XX10NR
				DRAWING NO.		REV.	
				RJMG22112XX10NR		AX1	

SCALE N.A. SHEET 3 OF 3