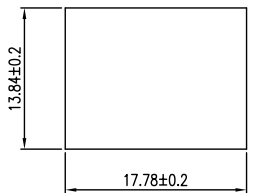
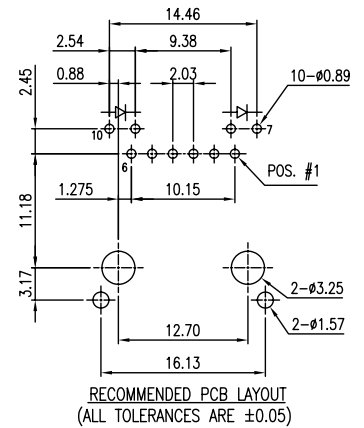
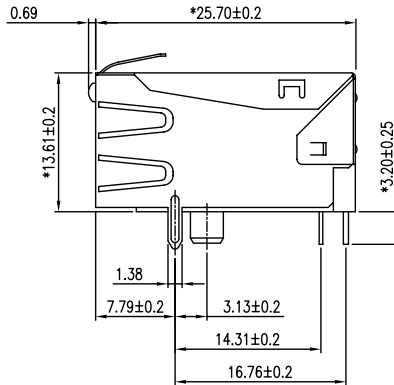
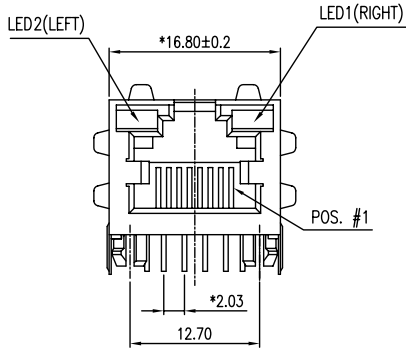
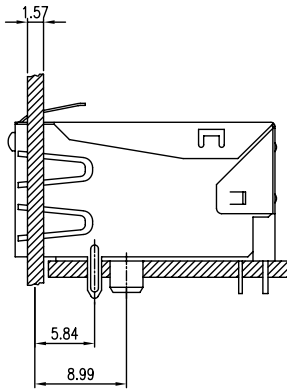
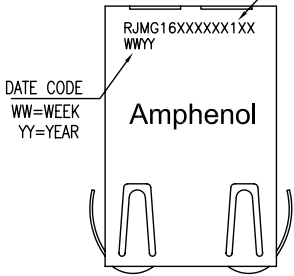


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CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
E1		RELEASE TO PRODCUTION	01/03/2006	Joseph Hsu

P/N, 1.0mm MIN. HEIGHT
FONT: ARAIL OR SIMILAR



RECOMMENDED PANEL CUTOUT

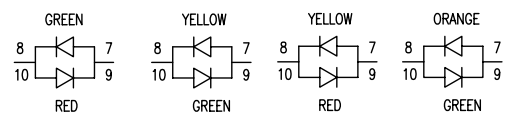
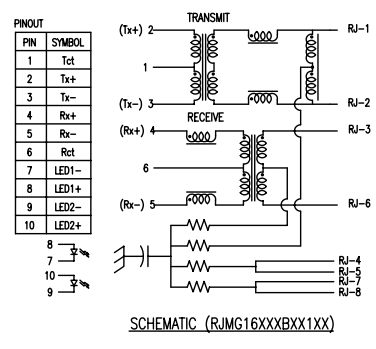
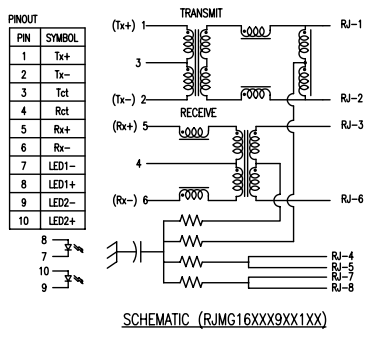
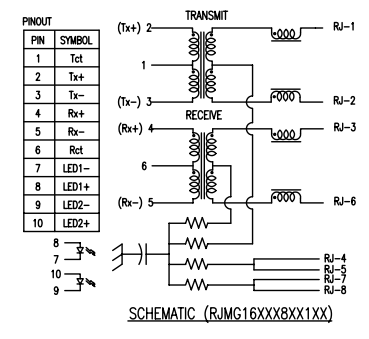
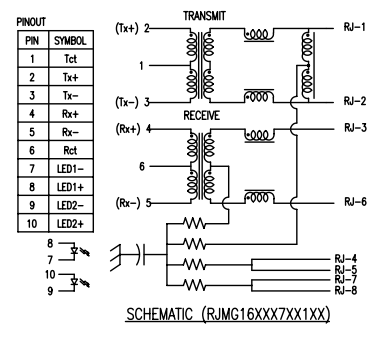
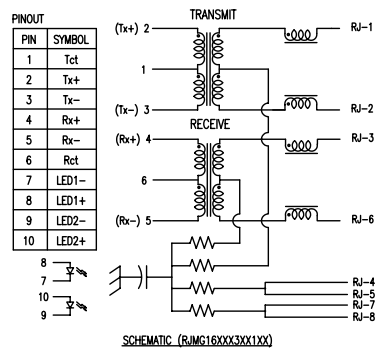
TOLERANCE	m/m	APPROVALS	DATE	TITLE
x.	±0.30	DRAWN Lucy Lee	01/03/06	SINGLE PORT Rjmag CONNECTOR SHIELD, WITH R&C TERMINATION 10/100
x.x	±0.25	CHECKED Kevin Xie	01/03/06	
x.xx	±0.15	APPROVED Joseph Hsu	01/03/06	
x.xxx	±0.08			
ANGULAR	±2°			
UNLESS OTHERWISE SPECIFIED		UNIT	MM	SIZE A4

<p>Amphenol[®] Amphenol Corporation</p>		SCALE	N.A.	SHEET	1 OF 4
		DRAWING NO.	RJMG16XXXXXX1XX		REV.

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
E1		RELEASE TO PRODCUTION	01/03/2006	Joseph Hsu



BI-COLOR LED DETAIL

APPROVALS	DATE	TITLE	 Amphenol Corporation
DRAWN Lucy Lee	01/03/06	SINGLE PORT Rjmag CONNECTOR SHIELD, WITH R&C TERMINATION 10/100	
CHECKED Kevin Xie	01/03/06		
APPROVED Joseph Hsu	01/03/06		
UNIT MM			
SIZE A4	PART NO. RJMG16XXXXXX1XX	DRAWING NO. RJMG16XXXXXX1XX	SCALE N.A. SHEET 2 OF 4 REV. E1

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
E1		RELEASE TO PRODCUTION	01/03/2006	Joseph Hsu

TURN RATIO 1:1±5%

TURN RATIO: 1:2±5%

PARAMETER	TYPE	LIMITS (MAX. OR MIN.)	FREQUENCY RANGE/ TEST CONDITIONS
INSERTION LOSS (RX/TX)	-0.8dB TYP.	-1.0dB MAX.	1-100 MHz
RETURN LOSS (RX/TX)	-22dB TYP. -18dB TYP. -12dB TYP.	-18dB MIN. -18+20log(f/30)dB MIN. -12dB MIN.	1-30 MHz 30-60 MHz 60-80 MHz
DC RESISTANCE	0.5 ohm MIN.	1.0 ohm MAX full 0.5 ohm MAX half	DC
CM-CM REJECTION	-40dB TYP.	-30dB MIN.	0-100MHz
CM-DM REJECTION	-40dB TYP.	-35dB MIN.	0-100MHz
CROSSTALK (PAIR TO PAIR)	-38dB TYP.	-35dB MIN.	0-100MHz
HIPOT (ISOLATION)	2.25KV/1.5KVrms.	2.25KV/1.5KVrms.	60S DC/AC
OCL	500uH TYP.	350uH MIN.	100KHz 8mV DC BIAS

PARAMETER	TYPE	LIMITS (MAX. OR MIN.)	FREQUENCY RANGE/ TEST CONDITIONS
INSERTION LOSS (RX/TX)	-0.8dB TYP.	-1.0dB MAX.	1-10 MHz
RETURN LOSS (RX/TX)	-20dB TYP.	-16dB MIN.	1-10 MHz
DC RESISTANCE	0.5 ohm MIN.	1.0 ohm MAX full 0.5 ohm MAX half	DC
CM-CM REJECTION	-40dB TYP.	-30dB MIN.	0-100MHz
CM-DM REJECTION	-40dB TYP.	-35dB MIN.	0-100MHz
CROSSTALK (PAIR TO PAIR)	-38dB TYP.	-35dB MIN.	0-100MHz
HIPOT (ISOLATION)	2.25KV/1.5KVrms.	2.25KV/1.5KVrms.	60S DC/AC
OCL RECEIVE	500uH TYP.	350uH MIN.	100KHz 8mV DC BIAS
OCL TRANSMIT	75uH TYP.	50uH MIN.	100KHz 8mV DC BIAS

LED PERFORMANCE:

PARAMETER	SINGLE COLOUR		BICOLOUR		UNITS
	GREEN	YELLOW	GREEN	ORANGE	
FORWARD CURRENT IF MAX	30	30	30		mA
REVERSE CURRENT IR MAX	10	10	10		uA
REVERSE VOLTAGE VR MAX	-5	-5	-5		V
T OPERATURE TOP	-40~+85	-40~+85	-40~+85		°C
T SOLDERING TURE TS	260+/-5	260+/-5	260+/-5		°C
POWER DISS. Pd	100	100	100		mW
INTENSITY Iv	80	40	20	25	MCD
PEAK WAVELENGTH	565	585	565	605	nM
FORWARD VOLTAGE TYP	2.5	2.1	2.2	2.0	V
FORWARD VOLTAGE MAX	2.9	2.6	2.6	2.6	V

NOTES:

1. DESIGNATORS 1 TO 10 ARE PRINTED WIRE BOARD CONNECTIONS.
2. DIFFERENT CAPACITOR VALUES ARE AVAILABLE UPON REQUEST.

APPROVALS	DATE	TITLE	
DRAWN Lucy Lee	01/03/06	SINGLE PORT RJmag CONNECTOR SHIELD, WITH R&C TERMINATION 10/100	 Amphenol® Amphenol Corporation
CHECKED Kevin Xie	01/03/06		
APPROVED Joseph Hsu	01/03/06		
UNIT: MM		SIZE: A4	PART NO. RJMG16XXXXXX1XX DRAWING NO. RJMG16XXXXXX1XX SCALE: N.A. SHEET 3 OF 4 REV. E1

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
E1		RELEASE TO PRODCUTION	01/03/2006	Joseph Hsu

MATERIALS:

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

CONTACTS (RJ MAG): PHOSPHOR BRONZE
 PLATING: SELECTIVE GOLD OVER MATING SURFACES.
 100 MICRONS BRIGHT TIN ON TAILS.

SHIELD: COPPER ALLOY T=0.2MM,
 NICKEL 50u"MIN, PRE-SOLDERING ON GROUND TAB.
 DIMENSIONS MARKED WITH "*" SHALL BE MEASURED.

MECHANICAL FEATURES:

SOLDERABILITY: MIL-STD-202,METHOD 208.
 MATING/UNMATING FORCE:
 RJ PORT MATING/UNMATING 2.1Kg MAX
 RETENTION FORCE FOR RJ PORT: 5Kg FOR 1 MINUTE
 PACKAGING: 50PCS/PLASTIC TRAY,12 TRAYS/CARTON
 MEET FCC PART 68.500 REQUIREMENTS.

Environmental

OPERATING TEMPERATURE: 0°C TO +70°C.
 STORAGE TEMPERATURE: -40°C TO +105°C.
 SOLDERING TEMPERATURE: 220°C FOR 10 SECONDS
 ALTITUDE OPERATING RANGE: SEA LEVEL TO 3000m
 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 J
 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

RJMG1-6 X X X - X X -X 1 X X

SHIELD OPTIONS
 3: STANDARD SHIELD WITH SIDE TABS

LED1 (RIGHT SIDE)
 1: GREEN
 2: YELLOW
 4: GREEN/YELLOW
 6: GREEN/ORANGE

LED2 (LEFT SIDE)
 SEE LED1

TERMINATION OPTIONS
 3: 4x75 OHM RESISTORS, 68pf (2KV)
 7: 4x75 OHM RESISTORS, 1000pf (2KV)
 TRANSMIT SHUNT CHOKE
 8: 4x75 OHM RESISTORS, 1000pf (2KV)
 9: 4x75 OHM RESISTORS, 1000pf (2KV)
 TRANSMIT SHUNT CHOKE
 B: 4x75 OHM RESISTORS, 1000pf (2KV) SPECIAL

NOTE: TERMINATION OPTIONS "7", "9","B"
 ONLY AVAILABLE FOR 1:1 TURN RATIO.



COMPLIANCE CODE
 BLANK: NONE-ROHS
 R: RoHS Compliant

PLATING THICKNESS ON MATING CONTACTS AND SHIELD SPEC

L: Gold Flash, Copper Alloy Shield with Nickel 50u inch min
 M: Gold 15u in, Copper Alloy Shield with Nickel 50u inch min
 N: Gold 30u in, Copper Alloy Shield with Nickel 50u inch min

TIA WIRING
 0: STANDARD

URNS RATIO (TRANSMIT)
 1: 1:1
 6: 1:2

APPROVALS	DATE	TITLE					
DRAWN Lucy Lee	01/03/06	SINGLE PORT RJmag CONNECTOR					
CHECKED Kevin Xie	01/03/06	SHIELD, WITH R&C TERMINATION					
APPROVED Joseph Hsu	01/03/06	10/100					
 UNIT MM		SIZE A4	PART NO. RJMG16XXXXXX1XX	SCALE N.A.	SHEET 4 OF 4	DRAWING NO. RJMG16XXXXXX1XX	REV. E1