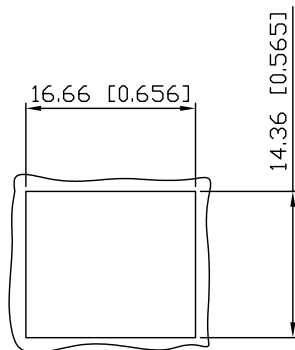
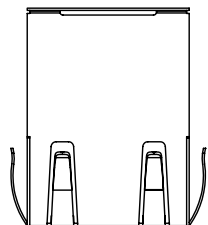
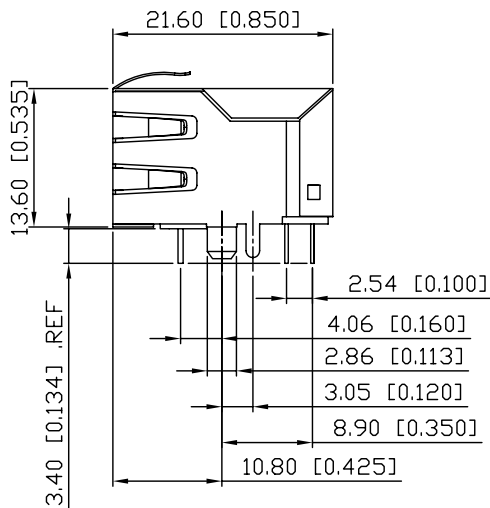
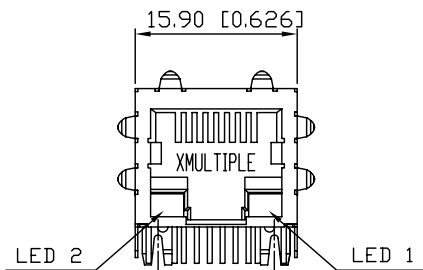


1. MECHANICAL DIMENSIONS :



RECOMMENDED
PANEL CUTOUT DIMENSION



NOTES:

1. MATERIALS:
HOUSING-NYLON POLYESTER UL94V-0
MIXED GLASS FIBER.
STANDARD COLOR-BLACK.
CONTACTS-0.35mm THICK PHOS-BRONZE PLATED
WITH 30u" GOLD AND TIN
IN SOLDER AREA.
SHIELD-0.25mm THICK COPPER ALLOY,
PLATED WITH NICKEL.
2. CAVITY CONFIRMS TO FCC RULES AND REGULATIONS
PART 68,SUBPART F.
3. UNSPECIFIED TOLERANCE: .XX ±0.25[0.010]
.X ±0.30[0.012]

XRJG-01A-X-D2A-01

XRJG SERIES

NUMBER OF PORT
01A : 1 PORT FOR XRJG WITH
HORIZONTAL LED PIN

LED COLOR OPTION

CIRCUIT TYPE

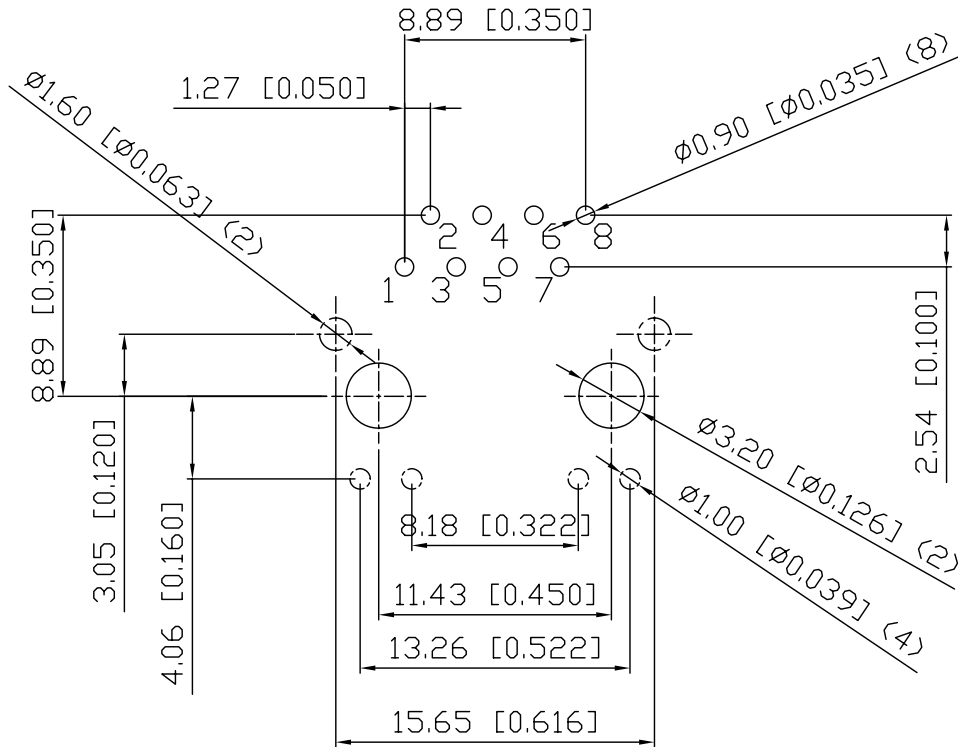
SERIAL NUMBER

RoHS Compliant

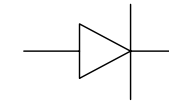
X MULTIPLE		CONNECTING THE INFORMATION AGE	
MULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chiu, Taipei, Taiwan 11475		MULTIPLE USA 1420 Los Angeles Ave., Suite G Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.		G/NO:	
TITLE: SINGLE PORT, RJ45, SHIELDED, WITH LED WITH TRANSFORMER, SIDE ENTRY PCB JACK		DVG NO: XRJG-01A-X-D2A-01	
PART NO: XRJG-01A-X-D2A-01		DRAWN: TARA	
		CHKD: JEFF	
		DATE: 24/10/05	
UNIT mm[inch]	SHEET 1 of 3	REV 01	

2. PCB LAYOUT :

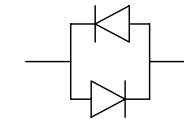
3. LED CONFIGURATION :



SUGGESTED PCB LAYOUT
(TOP VIEW)



SINGLE-COLOR LED



BI-COLOR LED

Color	Lens Color	Vf(v) @20mA		Iv(mcd) @10mA		Viewing angle
		Min	Max	Min	Typ	
						2θ 1/2

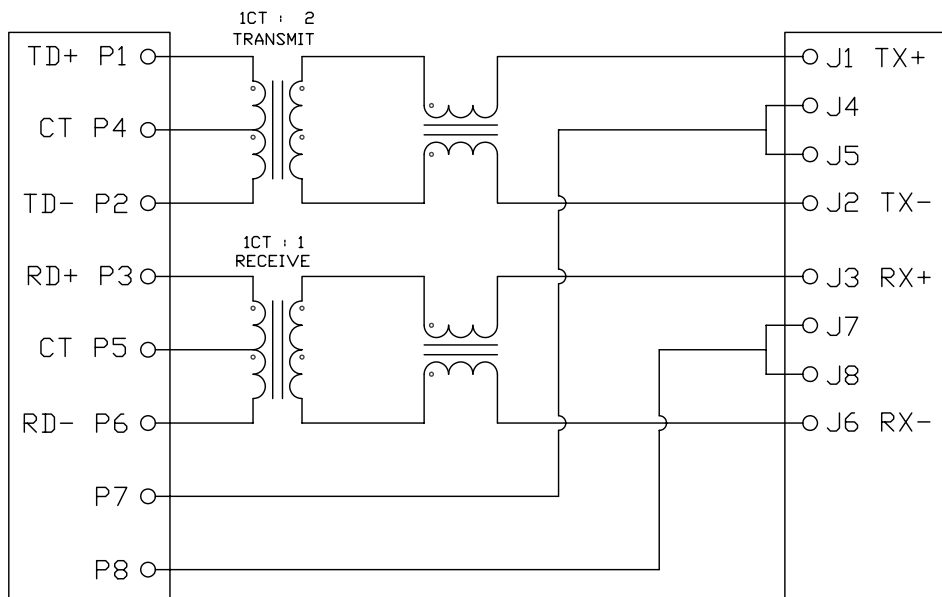
RoHS Compliant

X MULTIPLE		CONNECTING THE INFORMATION AGE	
XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chiu, Taipei, Taiwan 11475		XMULTIPLE USA 1420 Los Angeles Ave., Suite G Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.		G/NO:	
TITLE: SINGLE PORT, RJ45, SHIELDED, WITH LED WITH TRANSFORMER, SIDE ENTRY PCB JACK		DVG NO: XRJG-01A-X-D2A-01	
PART NO: XRJG-01A-X-D2A-01		DRAWN: TARA	
		UNIT mm[inch]	SHEET 2 of 3
		REV 01	CHKD: JEFF
			DATE: 24/10/05

4. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



5. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25±5°C)

1.TR:(100KHz,0.1V);

PINS:(P1-P2):(J1-J2)=1:1±3%

PINS:(P3-P6):(J3-J6)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

PINS: (P1,P2),(P3,P6)=350uH MINIMUM

3.DCR:

PINS:(P1-P2),(J1-J2),(J3-J6)= 1.0 OHMS MAXIMUM

PINS:(P3-P6)=1.2 OHMS MAXIMUM

4.HIPOT:

PINS(P1,P4,P2)TO(J1,J2)=1500VAC FOR 60 SECONDS

PINS(P3,P5,P6)TO(J3,J6)=1500VAC FOR 60 SECONDS

5.INSERTION LOSS:

-1.0dB MAXIMUM AT 0.3MHz TO 100MHz;

6.RETURN LOSS:

-20dB MINIMUM AT 1MHz TO 30MHz;

-15dB MINIMUM AT 30MHz TO 60MHz

-10dB MINIMUM AT 60MHz TO 80MHz

7.CROSS TALK:

-30dB MINIMUM AT 1MHz TO 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB MINIMUM AT 1MHz TO 100MHz

RoHS Compliant

X MULTIPLE		CONNECTING THE INFORMATION AGE	
XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chiu, Taipei, Taiwan 11475		XMULTIPLE USA 1420 Los Angeles Ave., Suite G Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.		G/NO: DVG NO: XRJG-01A-X-D2A-01	
TITLE: SINGLE PORT, RJ45, SHIELDED, WITH LED WITH TRANSFORMER, SIDE ENTRY PCB JACK		DRAWN: TARA	
PART NO: XRJG-01A-X-D2A-01		CHKD: JEFF	
		UNIT mm[inch]	SHEET 3 of 3
		REV 01	DATE: 24/10/05