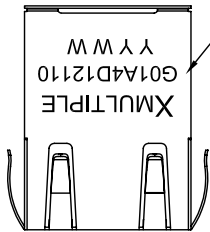
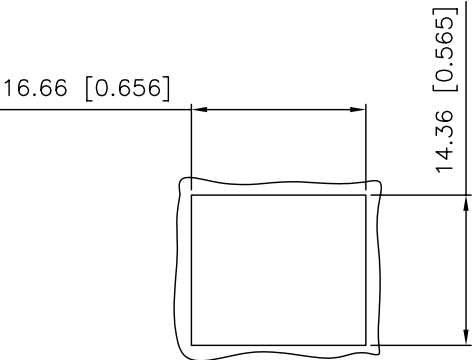


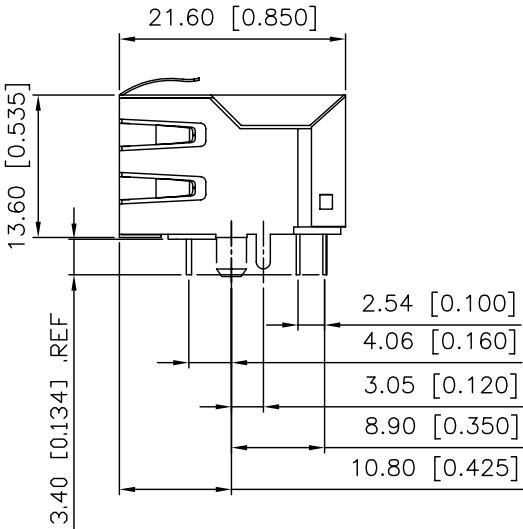
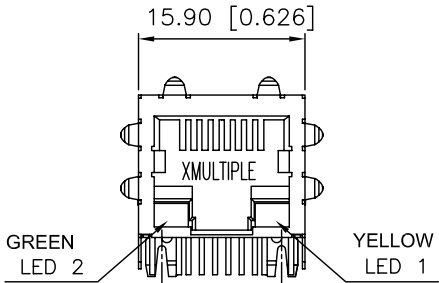
1. MECHANICAL DIMENSIONS :



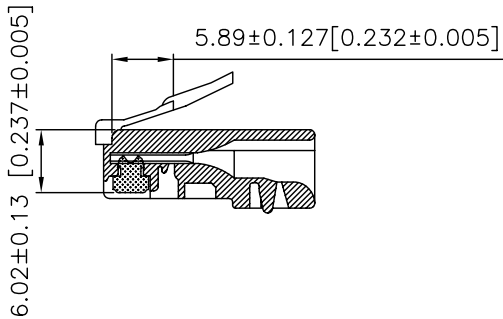
Ink-printing



RECOMMENDED
PANEL CUTOUT DIMENSION



RECOMMENED PLUG 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]

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: XRJG-01A-4-D12-110		
TITLE: RJ45 Connectors, W/LED, 8P, 8C, Shielded/Thru Hole/10/100 Mbps FILTER			DRAWN: AUSTIN		
PART NO: XRJG-01A-4-D12-110			CHKD: JEFF		
		UNIT mm[inch]	SHEET 1 of 3	REV 01	DATE: Apr.17,06

A



D

A

C

D

CONNECTING
THE INFORMATION
AGE

G/NO:

DWG NO:	
---------	--

XRJG-01A-4-D12-110

DRAWN:
AUSTIN

CHKD:	JEFF
-------	------



mm[inch]

SHEET

2 of 3

REV

01

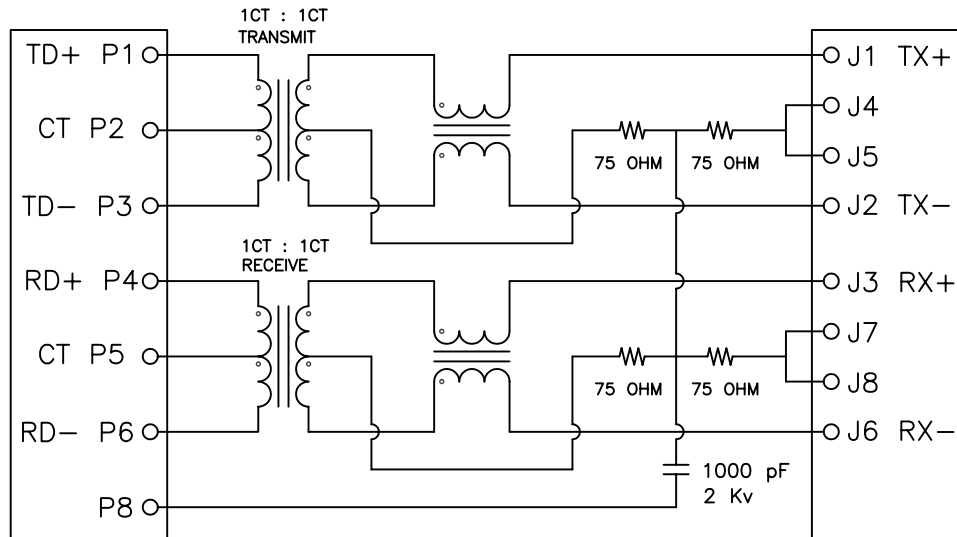
	31
--	----

DATE: Apr. 17, 06

4. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



XRJG-01A-4-D12-110

PRODUCT SERIES
G : TAB DOWN WITH LED

NUMBER OF PORTS
MECHANICAL TYPE
01A : 1 PORT FOR XRJF OR XRJG
W/HORIZONTAL LED PIN

LED COLOR OPTION

PROTOCOL TYPE
D : 10/100/ MBPS, 4 CORE

CIRCUIT TYPE

SPECIAL CODE
0 : STANDARD

SHIELDED TYPE
1 : Y=3.05mm, EMI FINGER
ON ALL SIDE

LED POLARITY
1 : +-, +-



5. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25±5°C)

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

PINS:(P1-P3):(J1-J2)=1:1±3%

PINS:(P4-P6):(J3-J6)=1:1±3%

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

PINS: (P1,P3),(P4,P6)=350uH MINIMUM

3.DCR:

PINS:(P1-P3),(J1-J2),(J3-J6)= 1.0 OHMS MAXIMUM

PINS:(P4-P6)=1.2 OHMS MAXIMUM

4.HIPOT:

PINS(P1,P2,P3)TO(J1,J2)=1500VAC FOR 60 SECONDS

PINS(P4,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

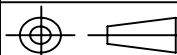
7.CROSS TALK:

-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		G/NO:	
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWG NO: XRJG-01A-4-D12-110	
				DRAWN: AUSTIN	
TITLE: RJ45 Connectors, W/LED, 8P, 8C, Shielded/Thru Hole/10/100 Mbps FILTER				CHKD: JEFF	
PART NO: XRJG-01A-4-D12-110				DATE: Apr.17,06	
		UNIT mm[inch]	SHEET 3 of 3	REV 01	