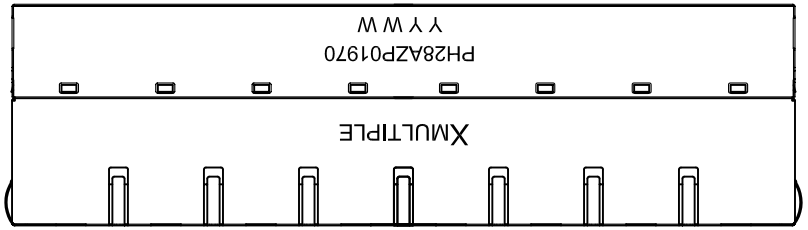
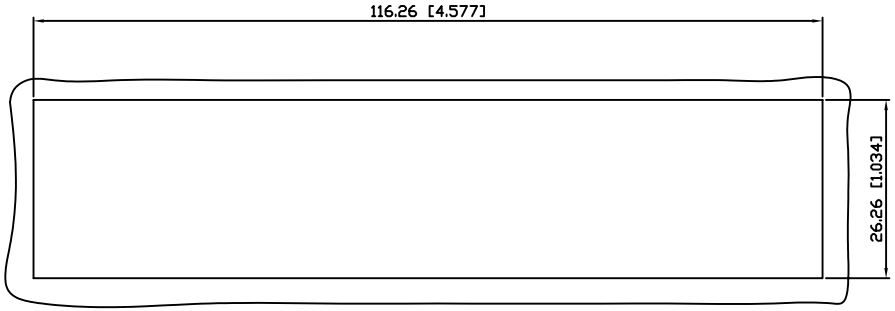
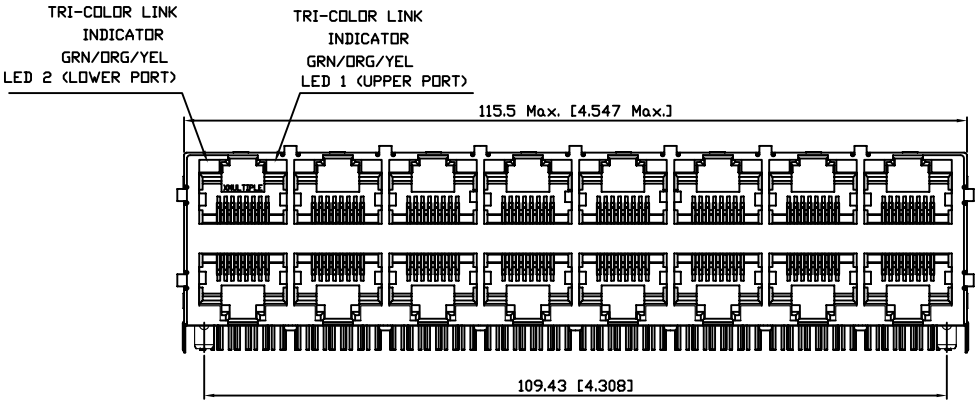
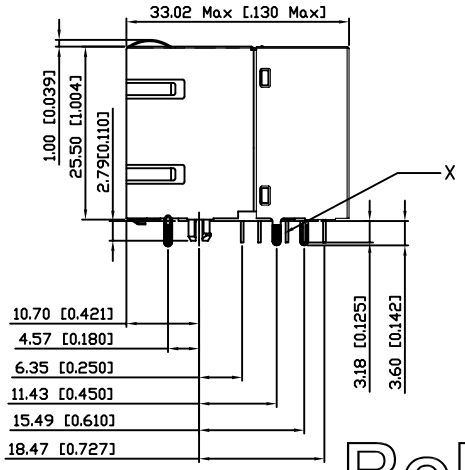
1. MECHANICAL DIMENSIONS :





RECOMMENDED
PANEL CUTOUT DIMENSION



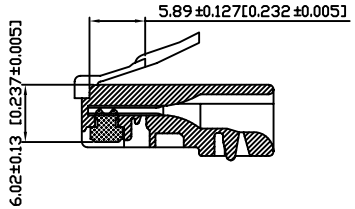


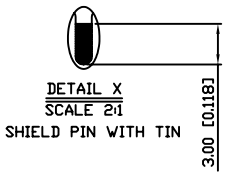
NOTES:

1. MATERIAL:
   HOUSING-PBT POLYESTER UL-94V-0
   MIXED GLASS FIBER.
   STANDARD COLOR-BLACK
   CONTACTS-0.35mm THICK PHOS-BRONZE PLATED
   WITH 15u" HARD GOLD AND TIN IN
   SOLDER AREA, AND NICKEL
   PLATING IN ALL AREA.
   SHIELD- SUS301 T=0.20 mm WITH TIN ON
   TERMINATION END.
2. OPERATING TEPERATURE: 0°C~+70°C
3. CAVITY CONFORMS TO FCC RULES AND REGULATIONS
   PART 68,SUBPART F.
4. UNSPECIFIED TOLERANCE: .XX ±0.25[0.010]
   .X ±0.30[0.012]

RoHS Compliant

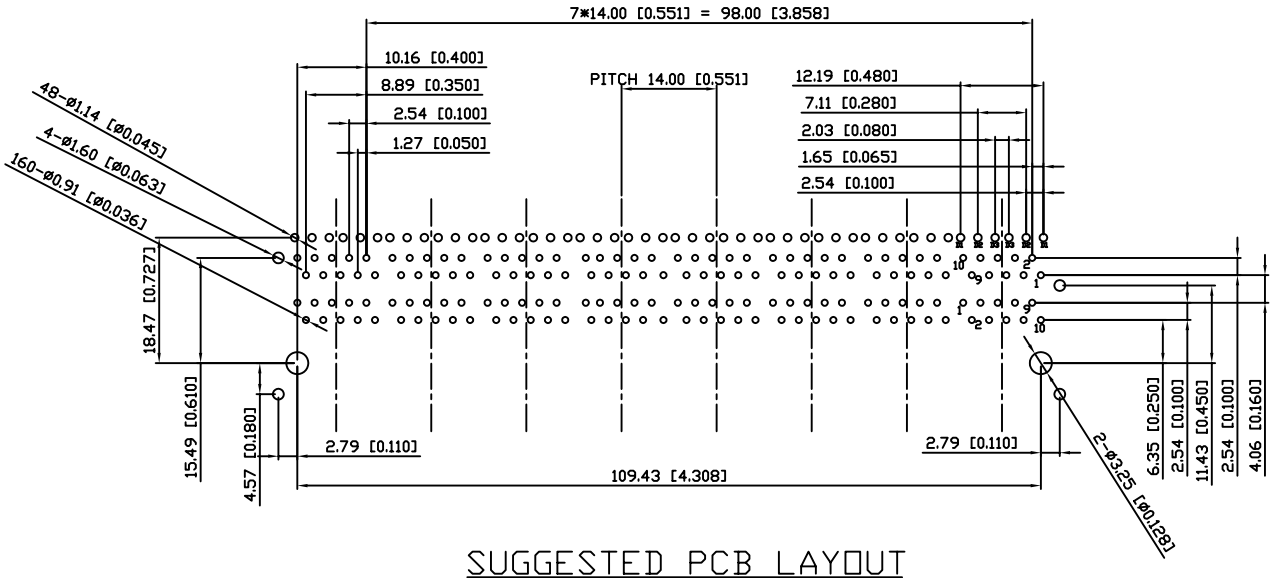
RECOMMENED PLUG DIMENSION:





XMULTIPLE				CONNECTING THE INFORMATION AGE
XMULTIPLE ASIA 4F, No. 347,Yang Guang St., Neihu , 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: XPJH-28A-Z-P01-970
TITLE: Stacked RJ45, W/LED, with 10/100 Mbps LAN Magnetics 8P,10C, Shielded, Thru Hole, FOR P.O.E.				DRAWN: LEON
PART NO: XPJH-28A-Z-P01-970				CHKD: JEFF
	UNIT	SHEET	REV	DATE: Mar.27,07
	mm[inch]	1 of 3	01	

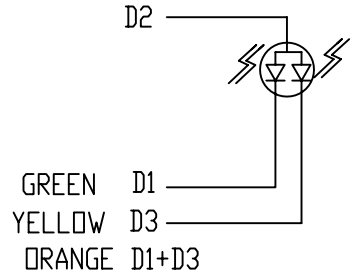
2. PCB LAYOUT :



SUGGESTED PCB LAYOUT
TOP VIEW

DIMENSIONAL TOLERANCE: .XX ±0.08[0.003]

3. LED CONFIGURATION :



Color	Lens Color	Vf(v) @20mA		Iv(mcd) @10mA		Viewing angle
		Min	Max	Min	Typ	2θ 1/2
Yellow	White Diffused	1.7	2.8	3.0	6.0	116
Green		1.7	2.8	3.5	6.0	116

RoHS Compliant

XMULTIPLE — CONNECTING THE INFORMATION AGE

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XMULTIPLE USA
1420 Los Angeles Ave., Suite G,
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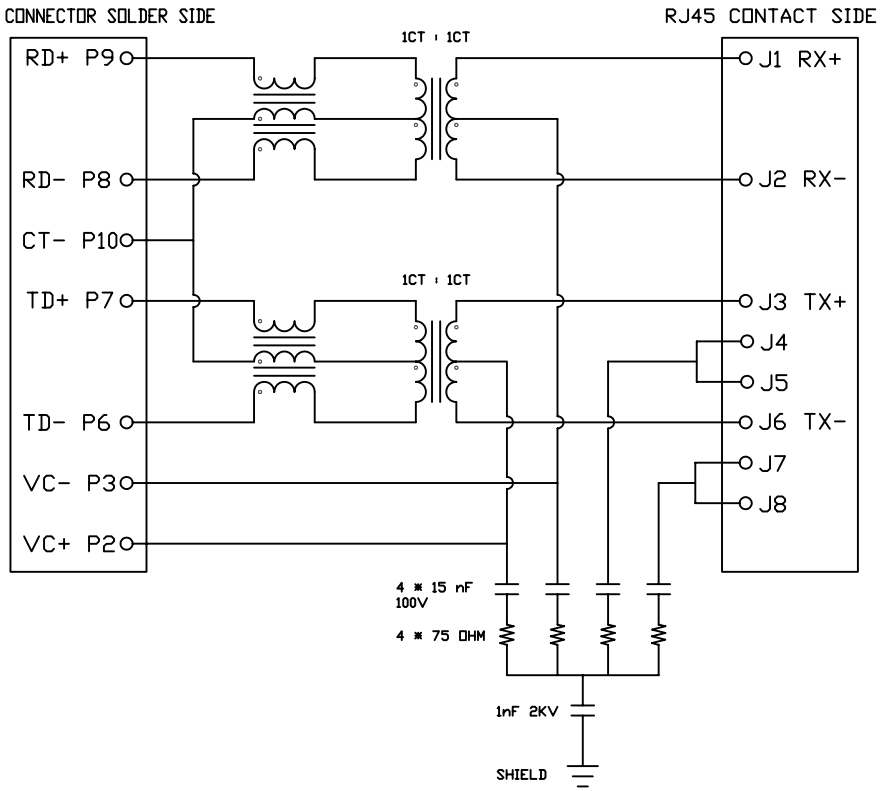
8P,10C, Shielded, Thru Hole, FOR P.O.E.

PART NO: XPJH-28A-Z-P01-970

UNIT	SHEET	REV
mm[inch]	2 of 3	01

G/NO:
DWG NO: XPJH-28A-Z-P01-970
DRAWN: LEON
CHKD: JEFF
DATE: Mar.27,07

4. SCHEMATIC:



5. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25±5°C)

1.TR:(100KHz,0.1V);
PINS:(P7−P6):(J3−J6)=1:1±3%
PINS:(P9−P8):(J1−J2)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)
PINS:(P7,P6),(P9,P8)=350uH MINIMUM

3.DCR:
PINS:(J1−J2),(J3−J6)= 1.2 OHMS MAXIMUM

4.HIPOT:
PINS(P9,P10,P8)TO(J1,J2)=1500VAC FOR 60 SECONDS
PINS(P7,P10,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

XPJH-28A-Z-P01-970

PRODUCT SERIES
XPJH : LATCH UP AND STACKED FOR PoE TYPE

NUMBER OF PORTS

MECHANICAL TYPE
28A : 2*8 PORT, HORIZONTAL PIN, LED ON TOP PORT ONLY OR W/O LED

LED COLOR OPTION

PROTOCOL TYPE
P : 10/100 Mbps, 4 CORE FOR PoE

CIRCUIT TYPE

LED POLARITY
9 : TRI-COLOR, TRI-COLOR

SHIELDED TYPE
7 : EMI FINGER ON ALL SIDE

SPECIAL CODE
0 : STANDARD

RoHS Compliant

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PART NO: XPJH-28A-Z-P01-970

UNIT	SHEET	REV
mm[inch]	3 of 3	01

G/NO:

DWG NO: XPJH-28A-Z-P01-970

DRAWN: LEON

CHKD: JEFF

DATE: Mar.27,07