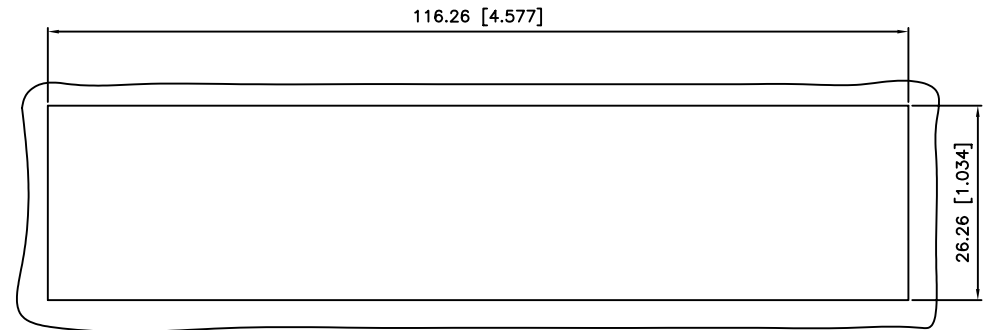
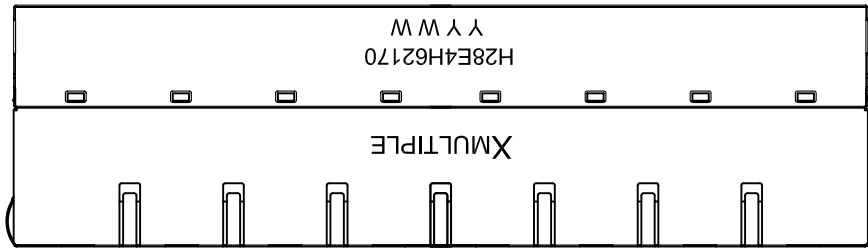
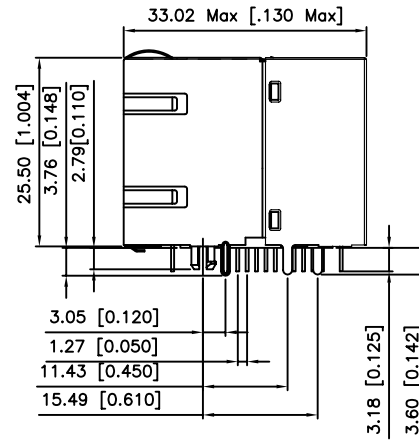
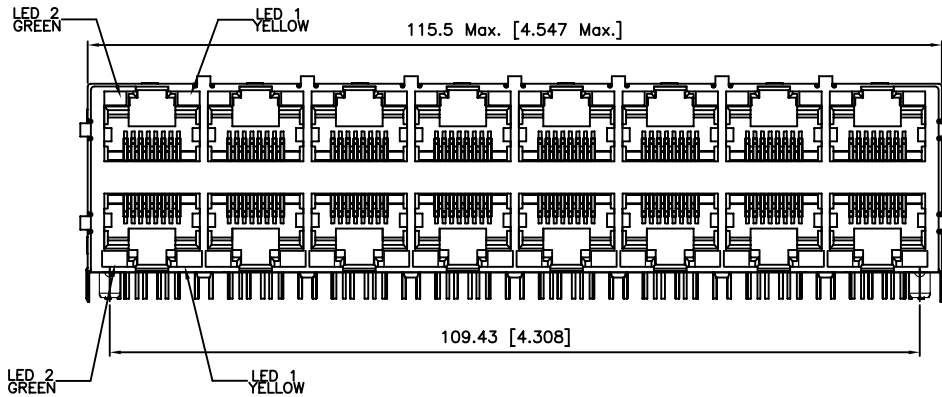


1. MECHANICAL DIMENSIONS :



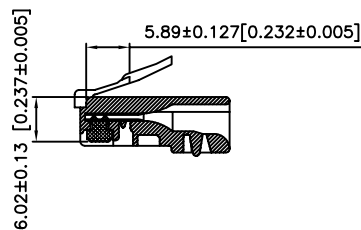
RECOMMENDED
PANEL CUTOUT DIMENSION



NOTES:

- MATERIAL:
HOUSING—PBT POLYESTER UL-94V-0
MIXED GLASS FIBER.
STANDARD COLOR—BLACK
CONTACTS—0.35mm THICK PHOS—BRONZE PLATED
WITH 30u" GOLD AND TIN IN
SOLDER AREA, AND 50u" NICKEL
PLATING IN ALL AREA.
SHIELD— SUS301 T=0.20 mm WITH TIN ON
TERMINATION END.
- CAVITY CONFIRMS TO FCC RULES AND REGULATIONS
PART 68,SUBPART F.
- UNSPECIFIED TOLERANCE: .XX ±0.25[0.010]
.X ±0.30[0.012]

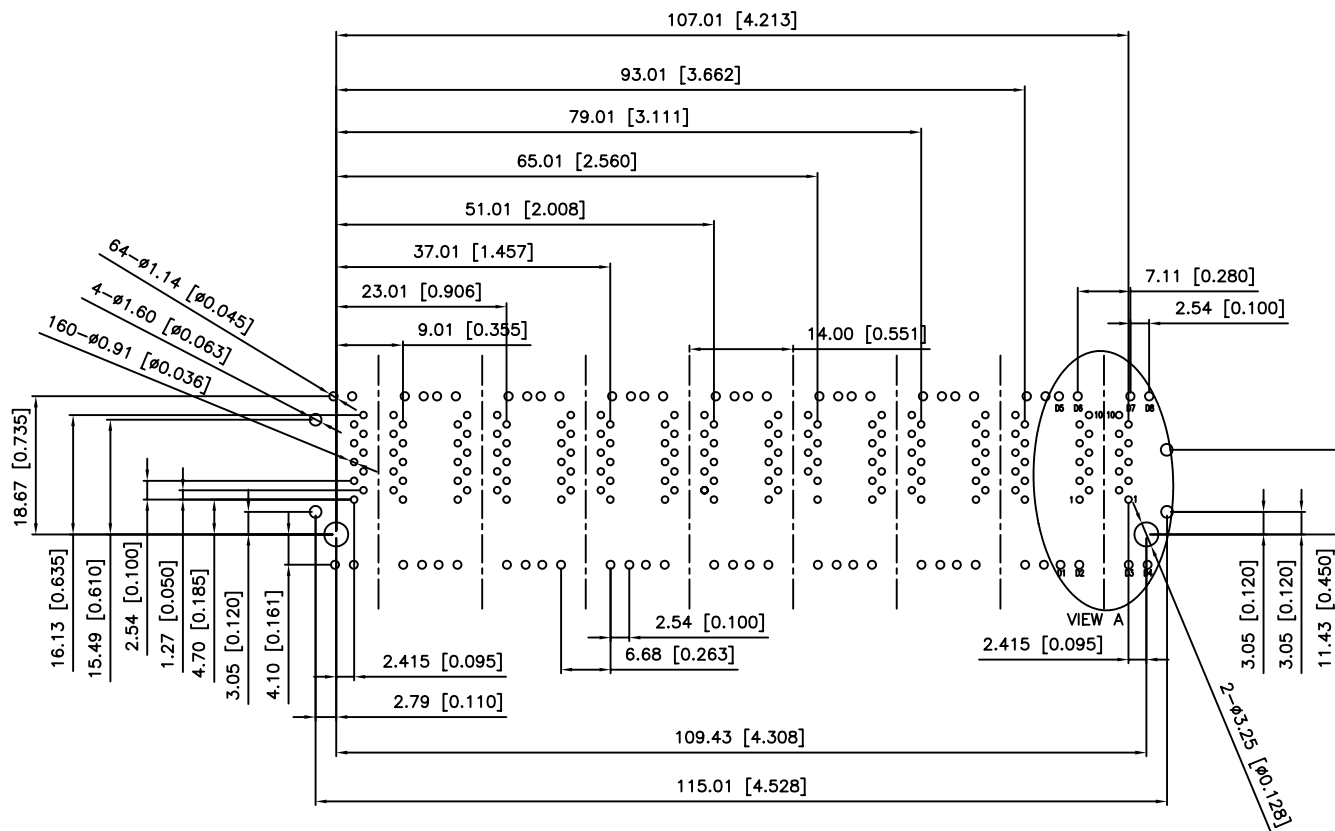
RECOMMENED PLUG DIMENSION:



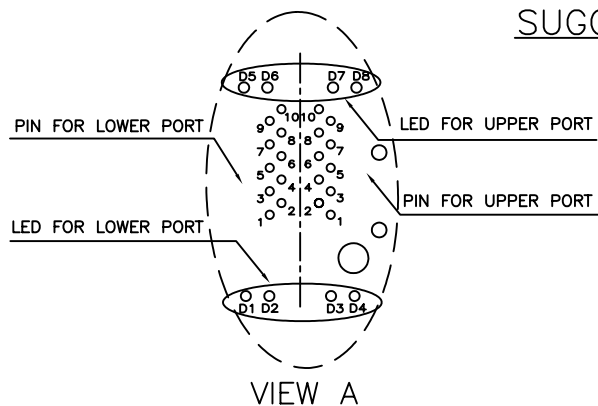
RoHS Compliant

XMULTIPLE		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: Stacked RJ45, W/LED, with 10/100/1000 Mbps LAN Magnetics 8P,10C, Shielded, Thru Hole.		DWG NO: XRJH-28E-4-H62-170	
PART NO: XRJH-28E-4-H62-170		DRAWN: AUSTIN	
		CHKD: JEFF	
		DATE: May.23,06	
UNIT mm[inch]		SHEET 1 of 3	
		REV 01	

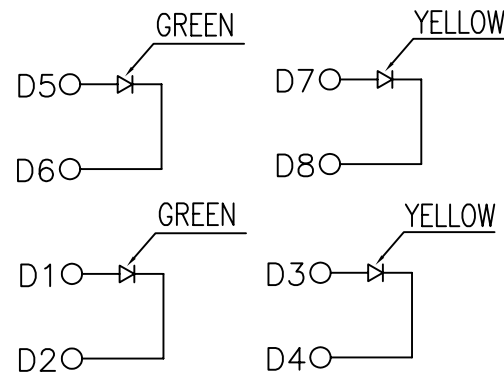
2. PCB LAYOUT :



SUGGESTED PCB LAYOUT
TOP VIEW




3. LED CONFIGURATION :



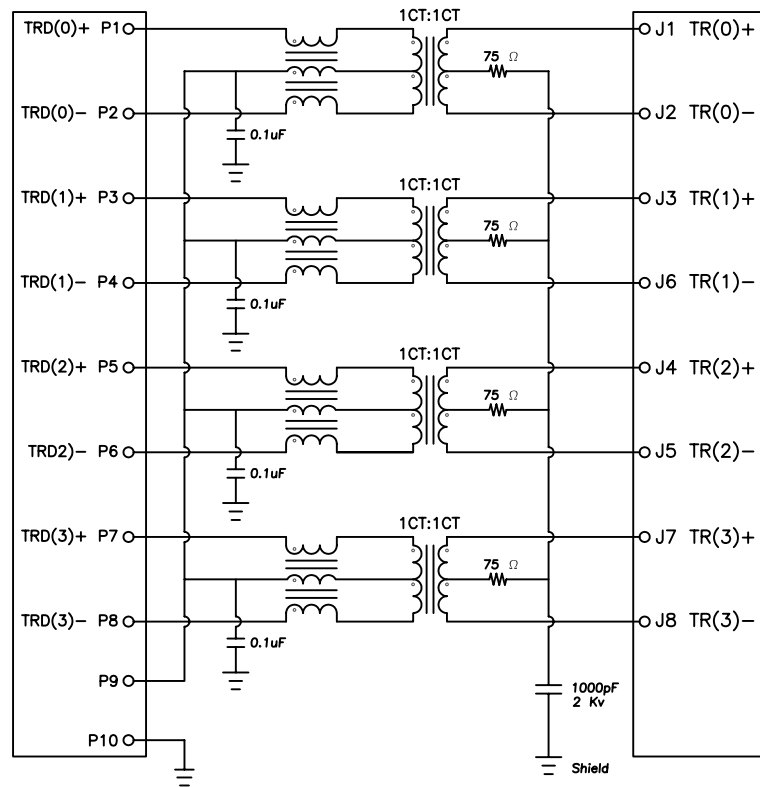
Color	Lens Color	Vf(v) @20mA		Iv(mcd) @10mA		Viewing angle
		Min	Max	Min	Typ	
Yellow	Yellow Diffused	1.7	2.8	3.0	6.0	116
Green	Green Diffused	1.7	2.8	3.5	6.0	116

RoHS Compliant

XMULTIPLE		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: Stacked RJ45, W/LED, with 10/100/1000 Mbps LAN Magnetics 8P,10C, Shielded, Thru Hole.		DWG NO: XRJH-28E-4-H62-170	
PART NO: XRJH-28E-4-H62-170		DRAWN: AUSTIN	
		UNIT mm[inch]	SHEET 2 of 3
DATE: May.23.06		REV 01	CHKD: JEFF

4. SCHEMATIC:

CONNECTOR SOLDER SIDE RJ45 CONTACT SIDE



5. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25°±5°C)

- TR:(100KHz,0.1V); 100%
PINS:(P1,P2):(J1,J2)=1:1±3%;(P3,P4):(J3,J6)=1:1±3%
PINS:(P5,P6):(J4,J5)=1:1±3%;(P7,P8):(J7,J8)=1:1±3%
- LX:(100KHz,100mV,8mA, DC Bias) 100%
PINS:(P1,P2),(P3,P4),(P5,J6),(P7,P8)=350uH MINIMUM
- DCR: 100%
PINS:(P1,P2),(P3,P4),(P5,P6),(P7,P8)= 1.0 Ω MAXIMUM
PINS:(J1,J2),(J3,J6),(J4,J5),(J7,J8)=1.0 Ω MAXIMUM
- HIPOT: 100%
PINS(P1,P2)TO(J1,J2),(P3,P4)TO(J3,J6)=1650VAC FOR 2 SECONDS
PINS(P5,P6)TO(J4,J5),(P7,P8)TO(J7,J8)=1650VAC FOR 2 SECONDS
- INSERTION LOSS:
-0.8dB MAXIMUM AT 0.3MHz TO 100MHz;
-1.2dB MAXIMUM AT 100MHz TO 120MHz
- RETURN LOSS:
-18dB MINIMUM AT 0.5MHz TO 40MHz;
-12+20Log(f/80MHz)dB MINIMUM AT 40MHz TO 100MHz
- CROSS TALK:
-33+20Log(f/100MHz)dB MINIMUM AT 0.1MHz TO 100MHz
- COMMON TO DIFFERENTIAL MODE REJECTION:
-35dB MINIMUM AT 300KHz TO 100MHz
- COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 300KHz TO 100MHz

XRJH-28E-4-H62-170

PRODUCT SERIES
H : TAB UP AND STACKED

NUMBER OF PORTS
MECHANICAL TYPE
28E : 2*8 PORT, VERTICAL PIN,
LED ON TOP AND BOTTOM PORT

LED COLOR OPTION

PROTOCOL TYPE
H : 10/100/1000 Mbps, 8 CORE

SPECIAL CODE
0 : STANDARD

SHIELDED TYPE
7 : EMI FINGER ON ALL SIDE

LED POLARITY
1 : +-, +-

RoHS Compliant

XMULTIPLE		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: Stacked RJ45, W/LED, with 10/100/1000 Mbps LAN Magnetics 8P,10C, Shielded, Thru Hole.		DWG NO: XRJH-28E-4-H62-170	
PART NO: XRJH-28E-4-H62-170		DRAWN: AUSTIN	
		CHKD: JEFF	
		DATE: May.23.06	
UNIT mm[inch]	SHEET 3 of 3	REV 01	