

1. MECHANICAL DIMENSIONS :

NOTES:

1. RJ45 MECHANICAL:

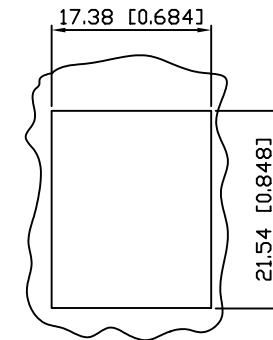
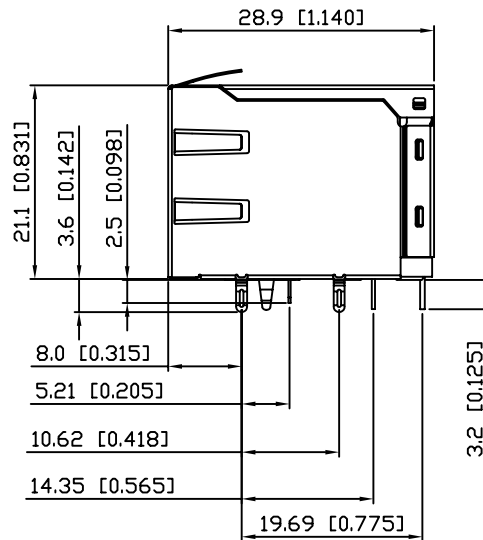
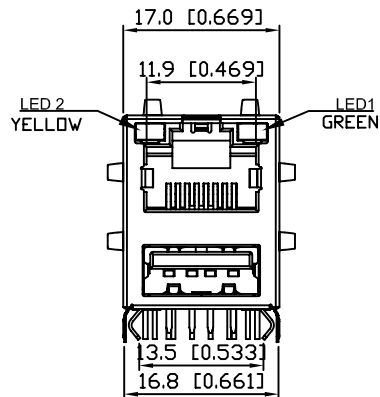
HOUSING-PBT POLYESTER UL94V-0
 MIXED GLASS FIBER.
 STANDARD COLOR: PANTONE 299 BLUE.
 CONTACTS -0.35mm THICK PHOS-BRONZE PLATED
 WITH 15u' GOLD AND TIN
 IN SOLDER AREA.
 SHIELD-COPPER ALLOY,
 PLATED WITH NICKEL.
 CAVITY CONFORMS TO FCC RULES AND REGULATIONS
 PART 68,SUBPART F.

2. USB MECHANICAL:

HOUSING: PBT COLOR: PANTONE 299 BLUE.
 CONTACT: PHOSPHOR-BRONZE
 30u' GOLD PLATING ON CONTACT AREA.
 SHIELD: BRASS
 PLATED WITH NICKEL.

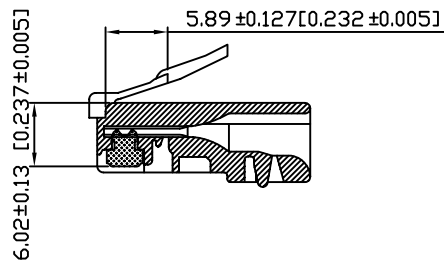
3. OPERATING TEMPERATURE: 0°C~+70°C

4. UNSPECIFIED TOLERANCE: .XX ±0.25[0.010]
 .X ±0.30[0.012]



RECOMMENDED
 PANEL CUTOUT DIMENSION

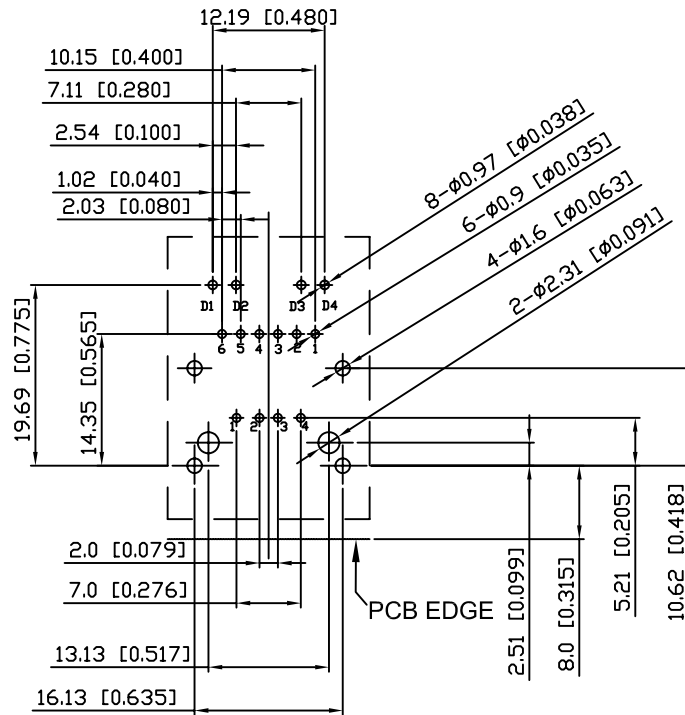
RECOMMENED PLUG DIMENSION:



RoHS Compliant

		CONNECTING THE INFORMATION AGE	
		CUSTOMER/NO:	
X MULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu, Taipei, Taiwan 11475		X MULTIPLE USA 1420 Los Angeles Ave., Suite G, Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.			
TITLE: RJ45+USB A Type, w/LED, w/Filter 10/100 Mbps, 8P,6C, Shielded, Thru-Hole		DWG NO: XRJB-A60-1-DA1-170	
PART NO: XRJB-A60-1-DA1-170		DRAWN: IVAN	
		UNIT mm[inch]	SHEET 1 of 3
		REV 01	DATE: Aug.02,07

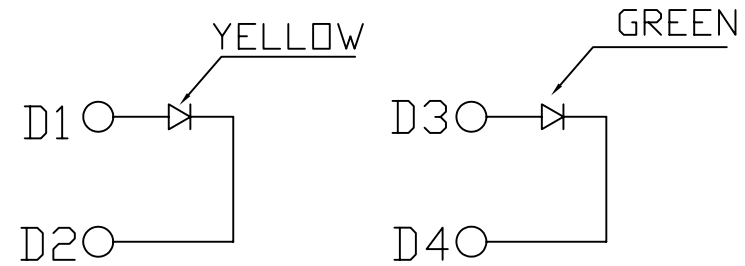
2. PCB LAYOUT :



SUGGESTED PCB LAYOUT
(TOP VIEW)

DIMENSIONAL TOLERANCE: .XX ±0.08[0.003]

3. LED CONFIGURATION :

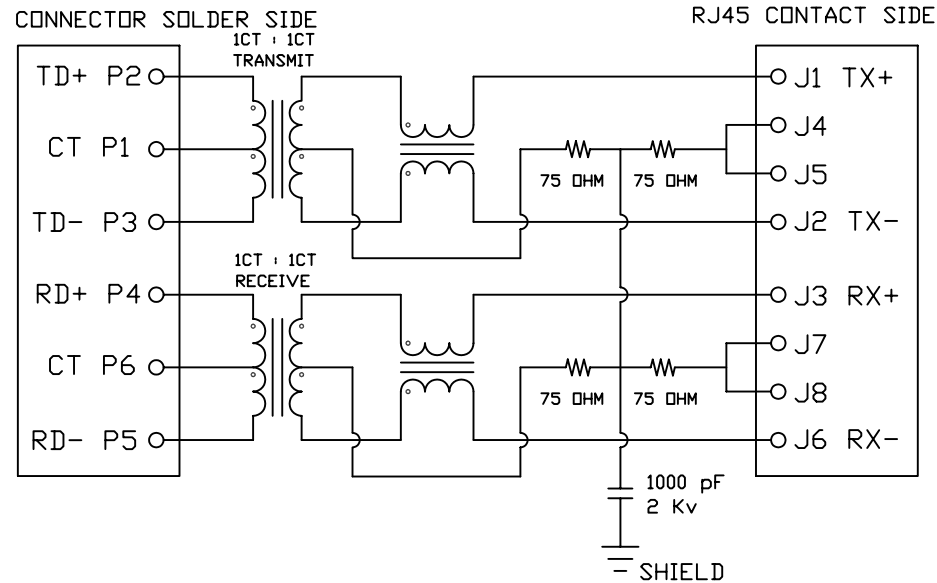


Color	Lens Color	VF(v) @20mA		Iv(mcd) @10mA		Viewing angle 2θ 1/2
		Min	Max	Min	Typ	
Yellow	Yellow Diffused	1.7	2.8	3.0	6.0	116
Green	Green Diffused	1.7	2.8	3.5	6.0	116

RoHS Compliant

		CONNECTING THE INFORMATION AGE	
THIS DRAWING IS A CONTROLLED DOCUMENT.			
TITLE: RJ45+USB A Type, w/LED, w/Filter 10/100 Mbps, 8P,6C, Shielded, Thru-Hole			
PART NO: XRJB-A60-1-DA1-170			
	UNIT mm[inch]	SHEET 2 of 3	REV 01
DATE: Aug.02,07			DRAWN: IVAN CHKD: JEFF

4. SCHEMATIC:



5. ELECTRICAL CHARACTERISTICS :

TEST NOTES:($25 \pm 5^\circ\text{C}$)

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

PINS:(P2-P3):(J1-J2)= $1:1 \pm 3\%$

PINS:(P4-P5):(J3-J6)= $1:1 \pm 3\%$

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

PINS: (P2,P3),(P4,P5)=350uH MINIMUM

3.DCR:

PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM

4.HIPOT:

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

PINS(P4,P6,P5)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

XRJB-A60-1-DA1-170

PRODUCT SERIES
B : RJ45 OVER USB

MECHANICAL TYPE
A60 : RJ45 OVER USB
A TYPE , A6 SERIES

LED COLOR OPTION

PROTOCOL TYPE
D : 10/100 Mbps, 4 CDR

SPECIAL CODE
0 : STANDARD

SHIELDED TYPE
7 : EMI FINGER ON ALL SIDE

LED POLARITY
1 : +-, +-

CIRCUIT TYPE

RoHS Compliant

		CONNECTING THE INFORMATION AGE	
		CUSTOMER/NO:	
MULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu, Taipei, Taiwan 11475		MULTIPLE USA 1420 Los Angeles Ave., Suite G, Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.			
TITLE: RJ45+USB A Type, w/LED, w/Filter 10/100 Mbps, 8P,6C, Shielded, Thru-Hole		DRAWN: IVAN	
PART NO: XRJB-A60-1-DA1-170		CHKD: JEFF	
	UNIT mm[inch]	SHEET 3 of 3	REV 01
DATE: Aug.02,07			