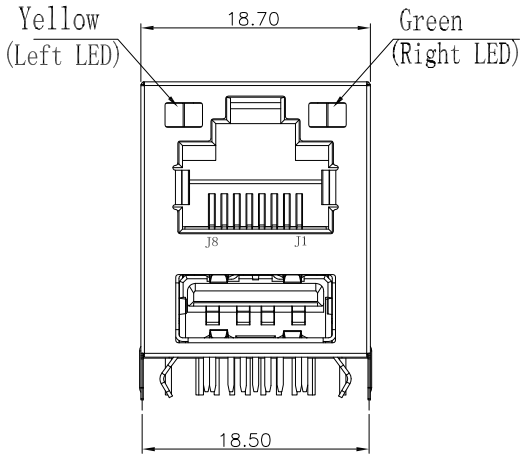
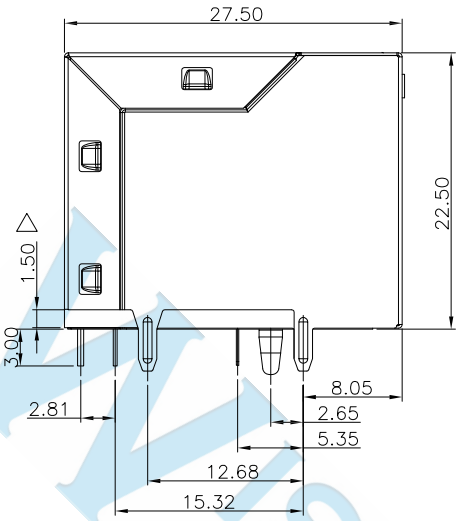
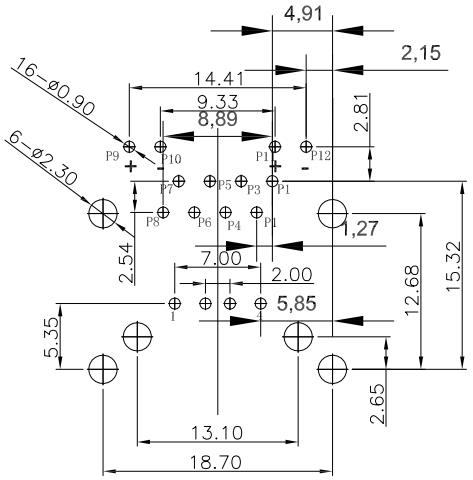
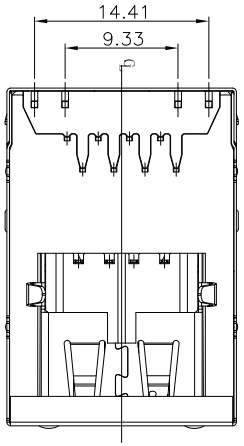






P.C.B RECOMMENDED HOLE LAYOUT SEEEN FROM COMPONENT SIDE.

ALL CENTERLINE DIMENSIONS ARE BASIC

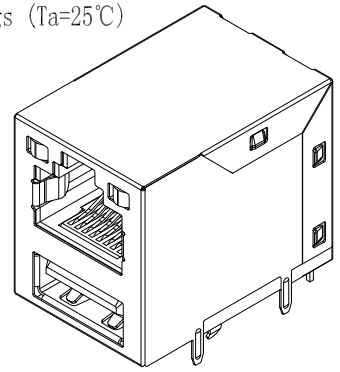


LED Specification

Standard LED Color	LED Wavelength	Forward (V MAX)	Typical (V TYP)	Luminous Intensity
Green	560-580 nm	2.5V	2.1-2.2V	9-25 MCD
Yellow	580-610 nm	2.5V	2.1-2.2V	9-30 MCD
Orange	580-610 nm	2.5V	2.1-2.2V	50-100 MCD

1. LED intensity/wavelength measured with Photo Research PR-650 Colormeter
2. With a forward current of 20 mA, Absolute Maximum Ratings (Ta=25℃)

1. Connector Material:
   Housing:Thermoplastic UL94 V-0
   Contact/Shield:Cooper alloy
   Shield Plating:Nickel
   Contact Plating:Selective gold 6u″; 15u″; 30u″; 50u″Min
2. Tolerances comply with F.C.C dimension requirements
3. Durability:800 mating Min
4. Meets or Exceeds IEEE802.3af standards including 350uH Min OCL @100KHz 100mV 8mA DC



WISCONN TECHNOLOGY

DIMENSIONS TOLERANCE METRIC .0=±0.30 .00=±0.20 .000=±0.10 ANG.=±2°	UNITS	MM	FINISH	SEE NOTE	CH'K	Calvin	DRAW NAME RJ45+USB2.0 1G TU LED(YG) L27.5mm		WISCONN Technology Co.,Ltd Tel:+886-2-2790-1979 Fax:+886-2-2790-1569					
	QT'Y	N/A	DRAW	Johnson	APP'D	Selena	PART NUMBER	WRJ-1104F7049						
	MT'L	SEE NOTE	DE'N	Mike	DATE	October . 08. 2020	DRAW NUMBER	C006	SCALE	1/1	SIZE	A4	SHEET 1	REV. A
							FILE NAME .DWG							

1. Electrical Specifications:@25℃

1.1. Isolation Voltage: 1500V/AC(Input to Output)

1.2. OCL:350uH Minimum @100KHz 100mV 8mA DC

1.3. Instertion Loss: -1.2dB Maximum @100KHz-100MHz

1.4. Return Loss: -18dB Minimum @1MHz-30MHz

-14dB Minimum @30MHz-60MHz

-12dB Minimum @60MHz-80MHz

-10dB Minimum @80MHz-100MHz

1.5. Common Mode Rejection: -30dB Minimum @1MHz-100MHz

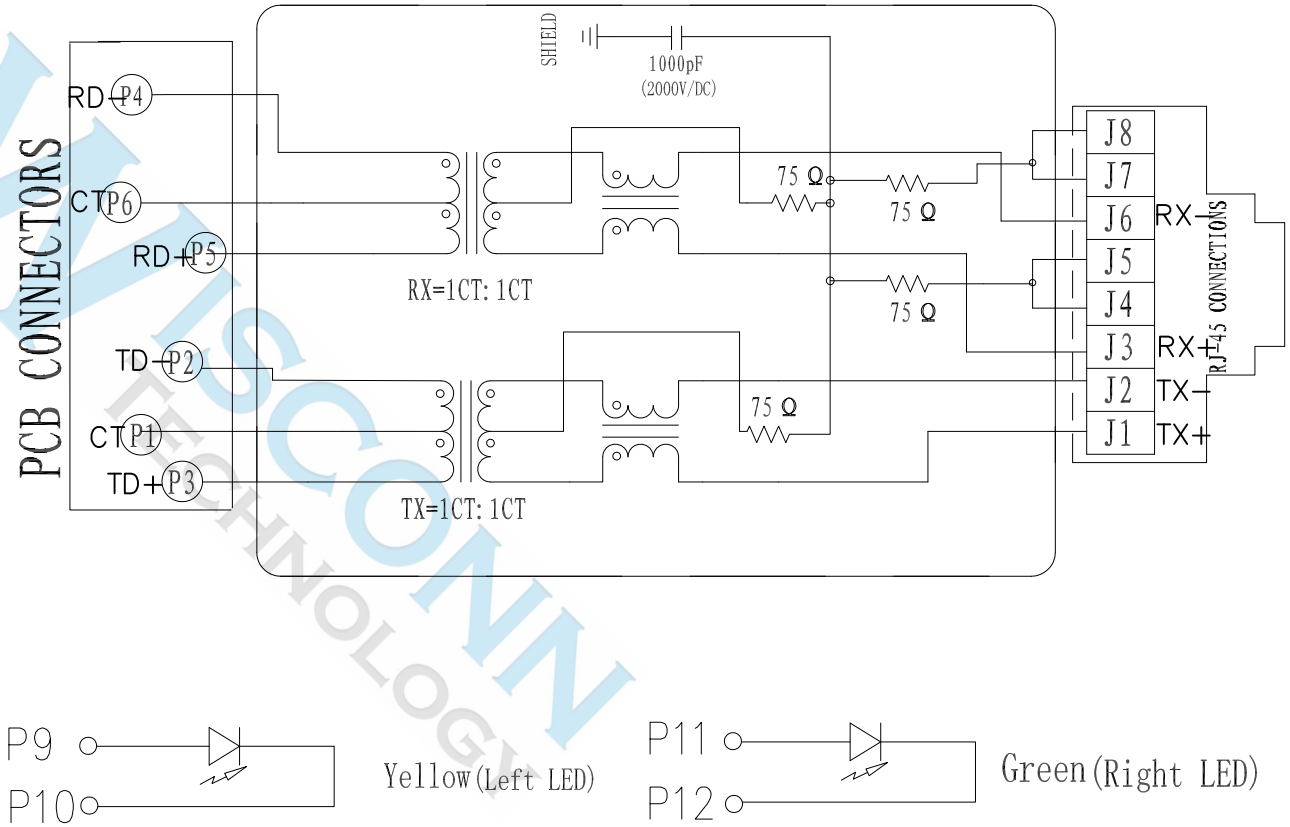
1.6. Cross Talk: -30dB Minimum @1MHz-100MHz

2. Operating and Storage Temperature:

2.1. Operating Temperature:-40℃ to +85℃

2.2 . Storage Temperature:-40℃ to +85℃

3. Schematics:



Yellow(Left LED)

Green(Right LED)

WISCONN TECHNOLOGY

DIMENSIONS TOLERANCE METRIC .0=±0.30 .00=±0.20 .000=±0.10 ANG.=±2°	UNITS	MM	FINISH	SEE NOTE	CH'K	Calvin	DRAW NAME	RJ45+USB2.0 1G TU LED(YG) L27.5mm	WISCONN Technology Co.,Ltd
	QT'Y	N/A	DRAW	Johnson	APP'D	Selena	PART NUMBER	WRJ-1104F7049	Tel:+886-2-2790-1979 Fax:+886-2-2790-1569
	MT'L	SEE NOTE	DE'N	Mike	DATE	October . 08. 2020	DRAW NUMBER	C006	SCALE 1/1 SIZE A4 SHEET 2 REV. A
							FILE NAME .DWG		