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

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

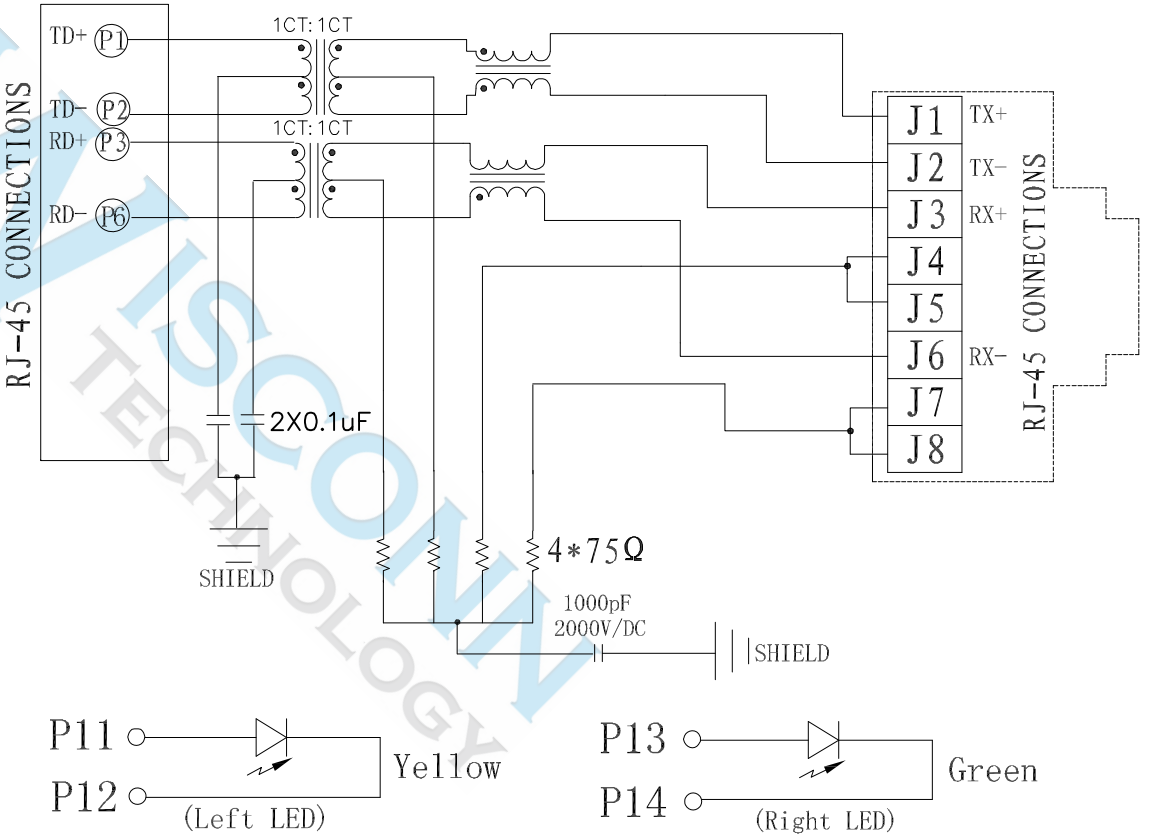
1.6. Cross Talk: -30dB Minimum @1MHz-100MHz

2. Operating and Storage Temperature:

2.1. Operating Temperature:-45℃ to +85℃

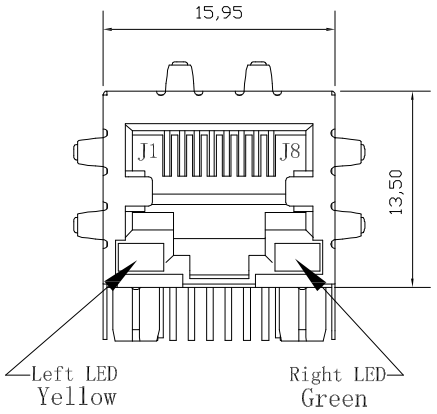
2.1. Storage Temperature:-45℃ to +85℃

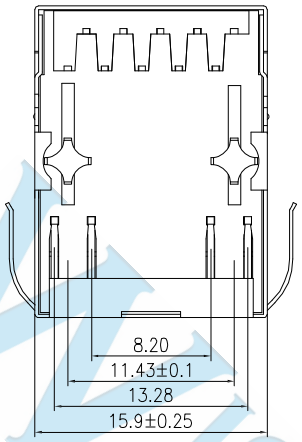
3. Schematics:

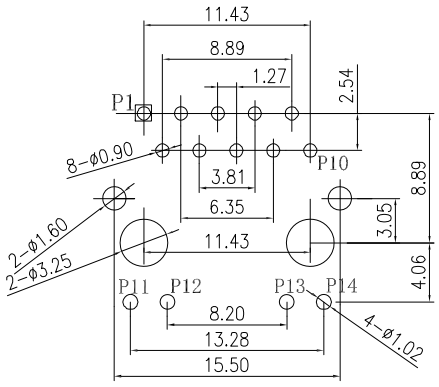


WISCONN TECHNOLOGY

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 1x1 POE 10/100 EMI Tab Down LED:Y/G L:21.35m 3.05mm		WISCONN Technology Co.,Ltd
	QT'Y	N/A	DRAW	Johnson	APP'D	Selena	PART NUMBER	WRJ-1104D10193	Tel:+886-2-2790-1979 Fax:+886-2-2790-1569
	MT'L	SEE NOTE	DE'N	Mike	DATE	NOV.03.2017	DRAW NUMBER	C006	SCALE 1/1 SIZE A4 SHEET 1 REV. A
							FILE NAME .DWG		

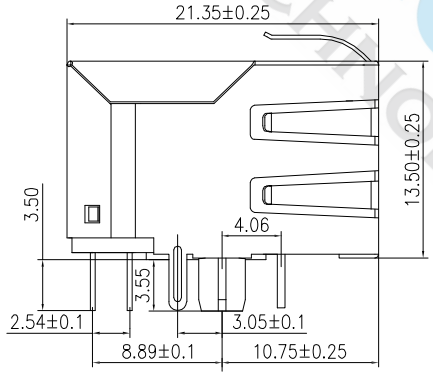






P.C.B RECOMMENDED HOLE LAYOUT SEEEN FROM COMPONENT STDE.

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

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

4.1. Connector Material:
Housing:Thermoplastic UL94 V-0
Contact/Shield:Cooper alloy
Shield Plating:Nickel
Contact Plating:Selective gold 6u″ Min

4.2. Tolerances comply with F.C.C dimension requirements

4.3. Durability:800 mating Min

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 1x1 POE 10/100 EMI Tab Down LED:Y/G L:21.35m 3.05mm		WISCONN Technology Co.,Ltd	
	QT'Y	N/A	DRAW	Johnson	APP'D	Selena	PART NUMBER	WRJ-1104D10193		Tel:+886-2-2790-1979 Fax:+886-2-2790-1569	
	MT'L	SEE NOTE	DE'N	Mike	DATE	NOV.03.2017	DRAW NUMBER	C006	SCALE 1/1 SIZE A4 SHEET 1 REV. A		
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