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

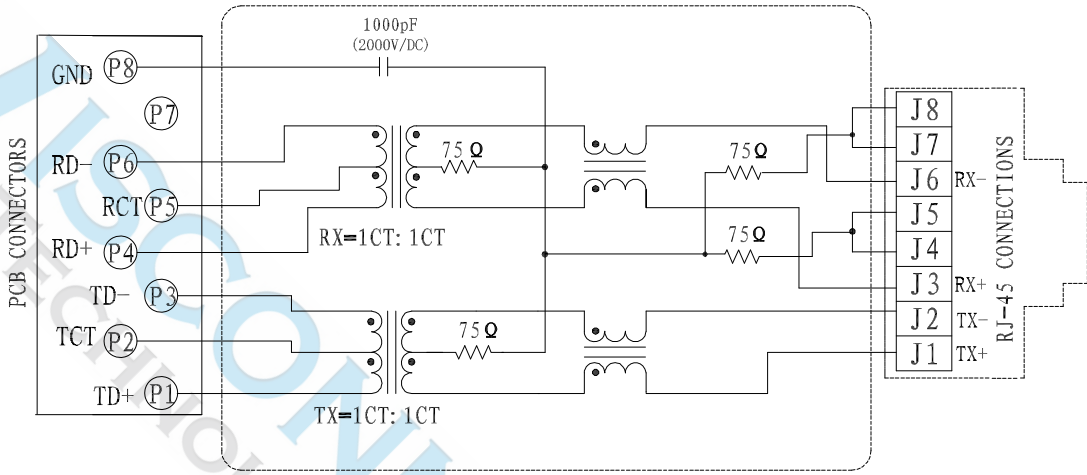
1.6. Cross Talk: -30dB Minimum @1MHz-100MHz

2. Operating and Storage Temperature:

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

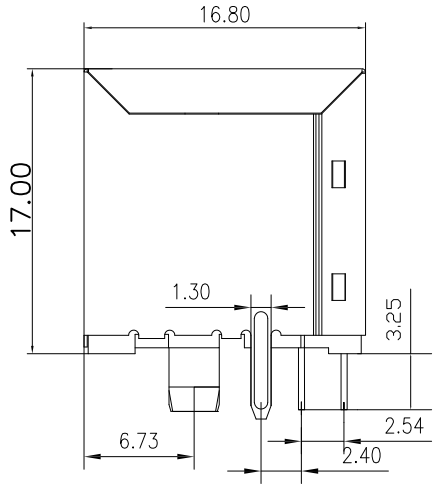
2.1. Storage Temperature:-40℃ to +85℃

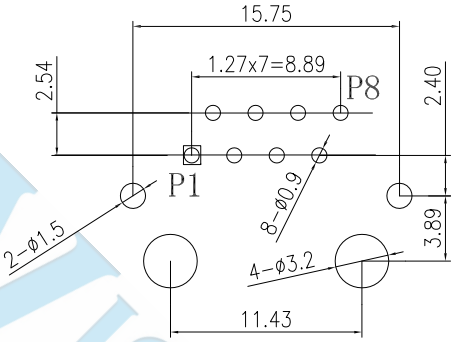
3. Schematics:



WISCONN TECHNOLOGY

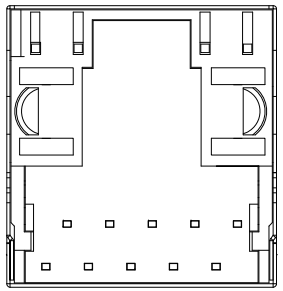
DIMENSIONS TOLERANCE METRIC Up to 5 ±0.2 Above 5~15 ±0.3 Above 15~30 ±0.4 Above 30~50 ±0.5 Angle ±0.3°	UNITS	MM	FINISH	SEE NOTE	CH'K	Calvin	DRAW NAME RJ45 1x1 180/D With 10/100 Base-T H17.0mm		WISCONN Technology Co.,Ltd Tel:+886-2-2790-1979 Fax:+886-2-2790-1569
	QT'Y	N/A	DRAW	Johnson	APP'D	Selena	PART NUMBER	WRJ-1104A2002	
	MT'L	SEE NOTE	DE'N	Mike	DATE	APR.10.2018	DRAW NUMBER	C006	SCALE 1/1 SIZE A4 SHEET 1 REV. A
							FILE NAME .DWG		

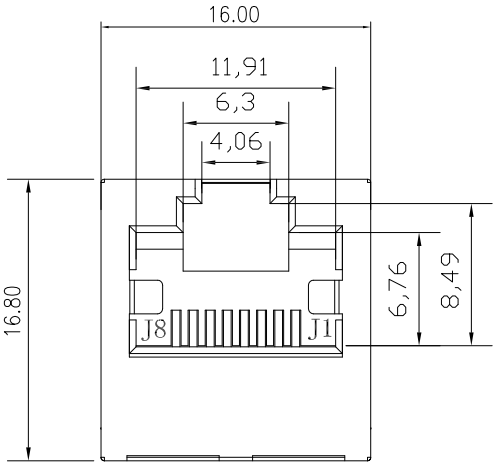




P.C.B RECOMMENDED HOLE LAYOUT SEEEN FROM COMPONENT SIDE.

ALL CENTERLINE DIMENSIONS ARE BASIC





4.1. Connector Material:
Housing:Thermoplastic UL94 V-0
Contact/Shield:Cooper alloy
Shield Plating:Nickel
Contact Plating:Selective gold 6u"; 15u"; 30u"; 50u"Min

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

4.3. Durability:800 mating Min

4.4. Meets or Exceeds IEEE802.3af standards including 350uH Min OCL @100KHz 100mV 8mA DC

WISCONN TECHNOLOGY

DIMENSIONS TOLERANCE METRIC									
Up to 5 ±0.2	UNITS	MM	FINISH	SEE NOTE	CH'K	Calvin	DRAW NAME	WISCONN Technology Co.,Ltd	
Above 5~15 ±0.3	QT'Y	N/A	DRAW	Johnson	APP'D	Selena	RJ45 1x1 180/D With 10/100 Base-T H17.0mm	Tel:+886-2-2790-1979 Fax:+886-2-2790-1569	
Above 15~30 ±0.4							PART NUMBER	WRJ-1104A2002	
Above 30~50 ±0.5	MT'L	SEE NOTE	DE'N	Mike	DATE	APR.10.2018	DRAW NUMBER	C006	SCALE 1/1 SIZE A4 SHEET 1 REV. A
Angle ±0.3°							FILE NAME .DWG		