

1\*1 Port RJ-45 Jack With 10/100 Base-T Magnetics Module

1. Electrical Specifications:@25°C

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

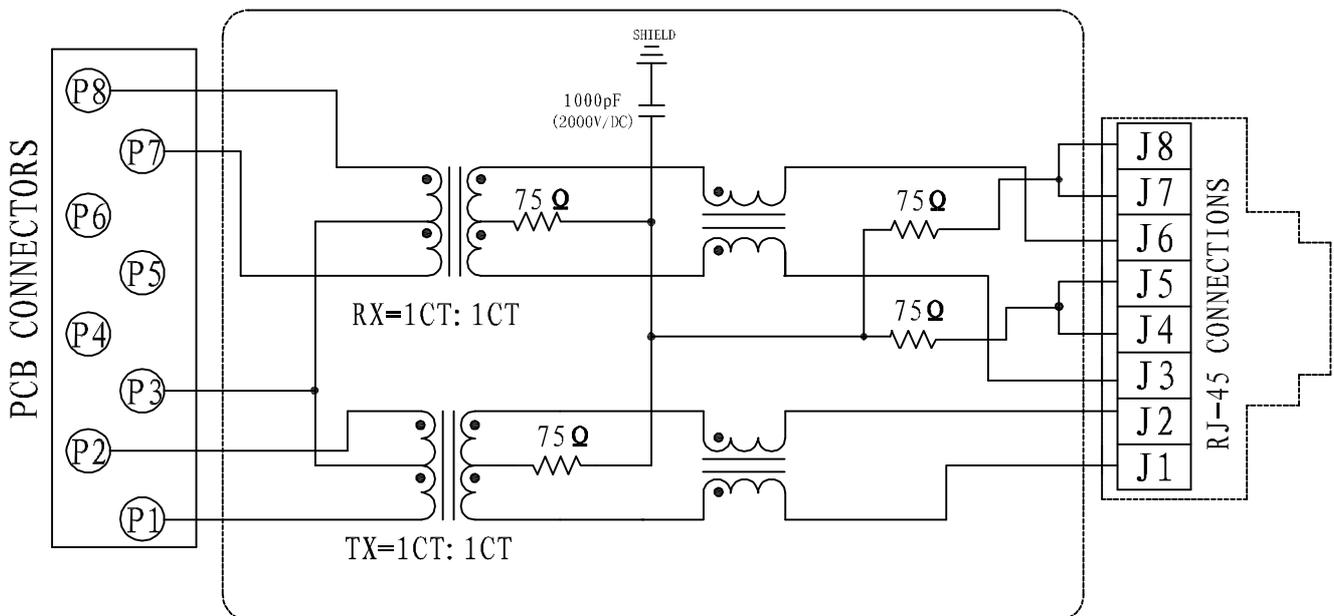
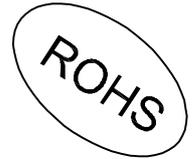
1.6. Cross Talk: -30dB Minimum @1MHz-100MHz

2. Operating and Storage Temperature:

2.1. Operating Temperature:-40°C to +85°C

2.2 .Storage Temperature:-40°C to +85°C

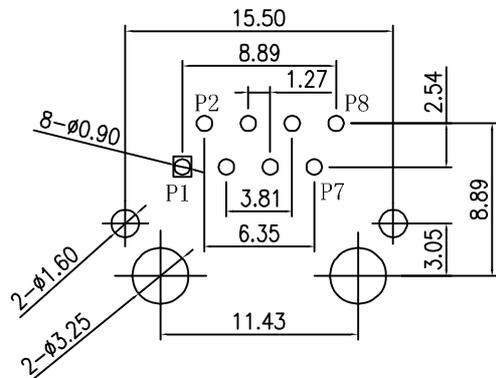
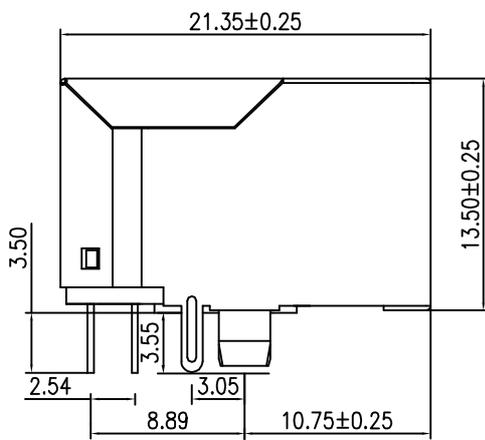
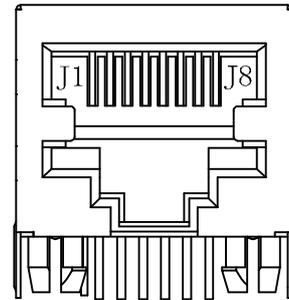
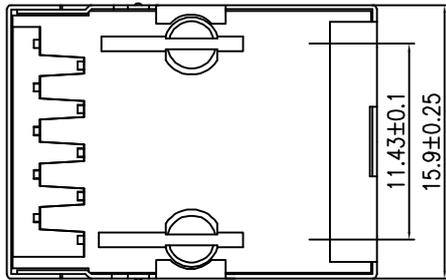
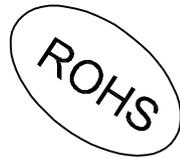
3. Schematics:



P/N: SKLU1S041X	Units: mm	Unless otherwise stated otherwise tolerances as follows: .XX ±0.25	Rev: A	Draw : Kal	Date:2010/05/08
	Scale: None		Page: 1/2	Checked : Ansom	Date:2010/05/08
<a href="http://www.bothhandUSA.com">http://www.bothhandUSA.com</a>			462 Boston St,Topsfield,MA 01983	Approved: Ansom	Date:2010/05/08

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4. Mechanicals:



P. C. B RECOMMENDED HOLE LAYOUT SEEN 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

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