

2*1 Port RJ-45 Jack-P0E+
With 100/1000 Base-T Magnetics Module



东莞市迅旺电子科技有限公司
DongGuan XunWang Electronic Technology Co., Ltd.

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. Insertion 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
- 1.7. P0E+ rating: 30W, 720A, 57V

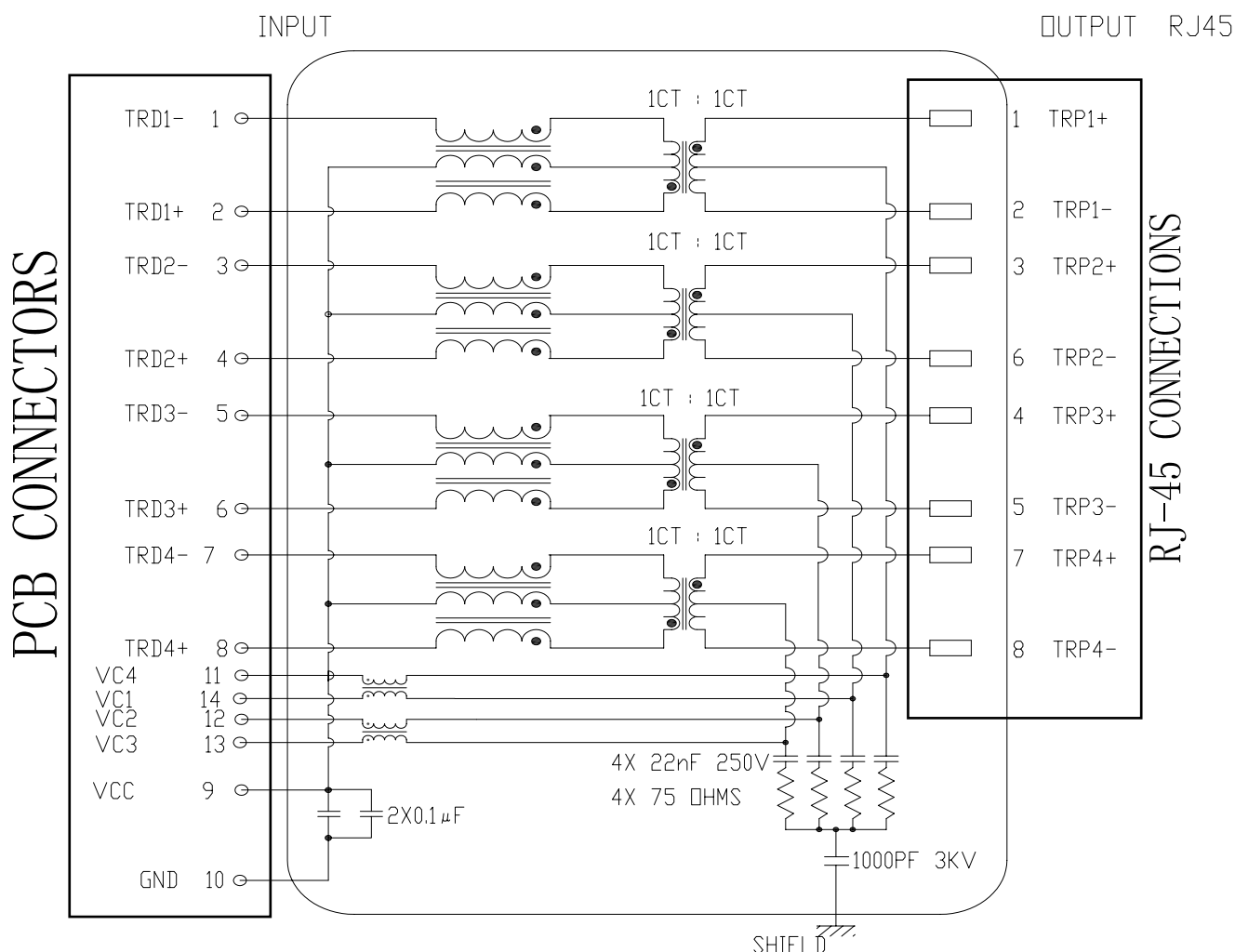
2. Operating and Storage Temperature:

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

3. Schematics:

XW-ETLINK®

ROHS



P/N:	Units: mm	Unless otherwise stated otherwise tolerances as follows:	Rev: A	Draw : KING	Date: 2018/10/18
XWRJ-2116B30139-1	Scale: None	.XXX ±0.10 .XX ±0.30 .X ±0.35 ANG ±3°	Page: 1/2	Checked : PETER	Date: 2018/10/18
Tel: 0086-769-85398667 Fax: 0086-769-85384545 Http://www.dgxunwang.com				Approved: PETER	Date: 2018/10/18

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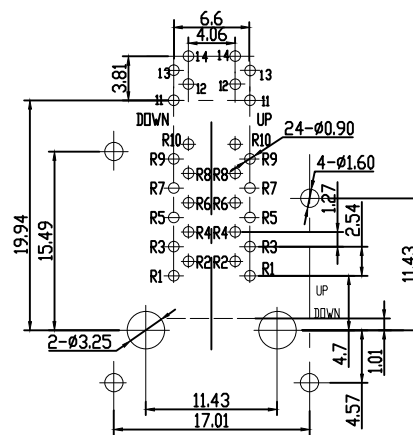
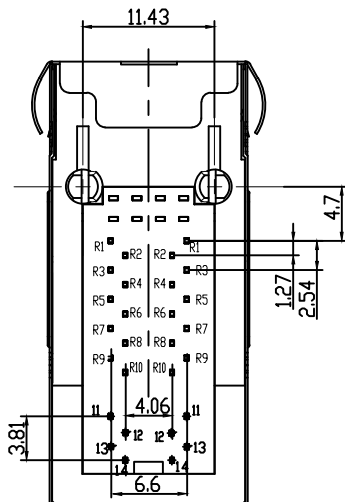
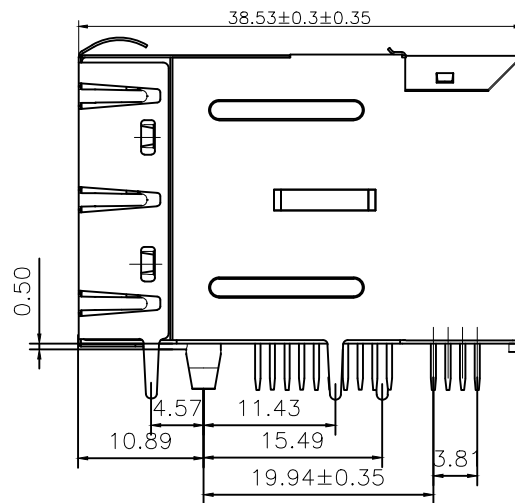
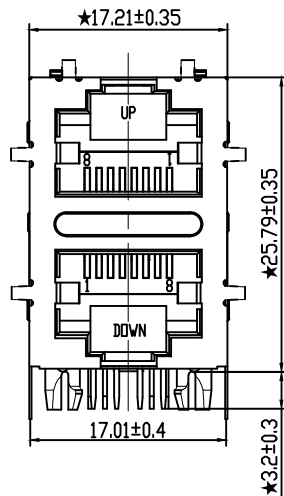
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Mechanicals:

XW-ETLINK®



Suggested PCB Pad Layout
Component Side View

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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