

## HR861187A

# Electrical Specification @25°C

RoHS Compliant (PB Free)

Isolation: 2250VDC 0.5mA 60sec (UTP Side to Chip Side)

OCL: 350uH Minimum @100KHz 100mV with 8mADC Insertion Loss: -1.0dB Maximum @1MHz  $\sim$  100MHz

Return Loss: -18dB Minimum @1MHz ~ 30MHz

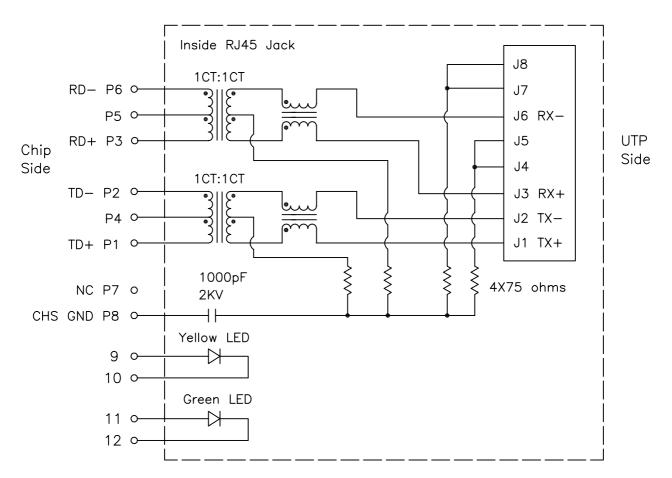
−12dB Minimum @30MHz ~ 60MHz

−10dB Minimum @60MHz ~ 80MHz

Common Mode Rejection: −30dB Minimum @1MHz ~ 100MHz

Crosstalk: -30dB Minimum @1MHz ~ 100MHz

#### **Schematics**



Notes: Connect CHS GND to PCB Ground

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Address: No.16, Industrial Road Central, Industrial Zone, Xiaolan Town, Zhongshan City, Guangdong Province, China

Tel: (0760)22126805 22132332 Fax: (0760)22132339 Post code: 528416

E-Mail: sales@hanrun.com http://www.hanrun.com

Specifications subject to change without notice . Refer to the approval sheet for lastly edition.

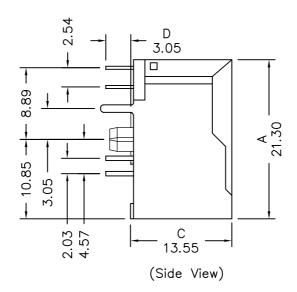


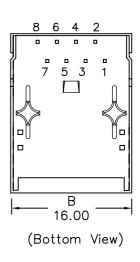
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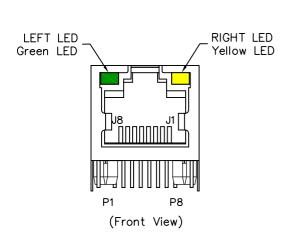
- RoHS Compliant (PB Free)
- Meets or Exceeds IEEE802.3 standards including 350uH Min OCL with 8mADC
- High performance for EMI suppression, Crosstalk, Return Loss and Consistent Electrical
- Minimum 1500Vrms isolation per IEEE802.3 requirement
- Minimize PCB space and Simplify PCB Layout
- Less magnetic components to be placed on PCB, higher reliability and yields
- UL Recognized Component: File # E330599

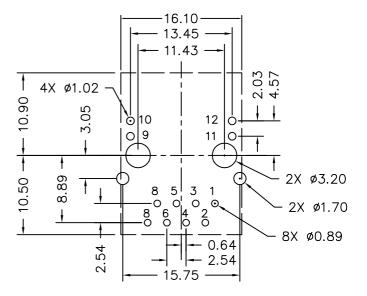
### Mechanical Dimensions:











(Component Side View)
(Mounting Pattern)

Dimensions in mm

Unless otherwise specified, Tolerance: .xx  $\pm 0.25$ 

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