

HY991130C

### 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

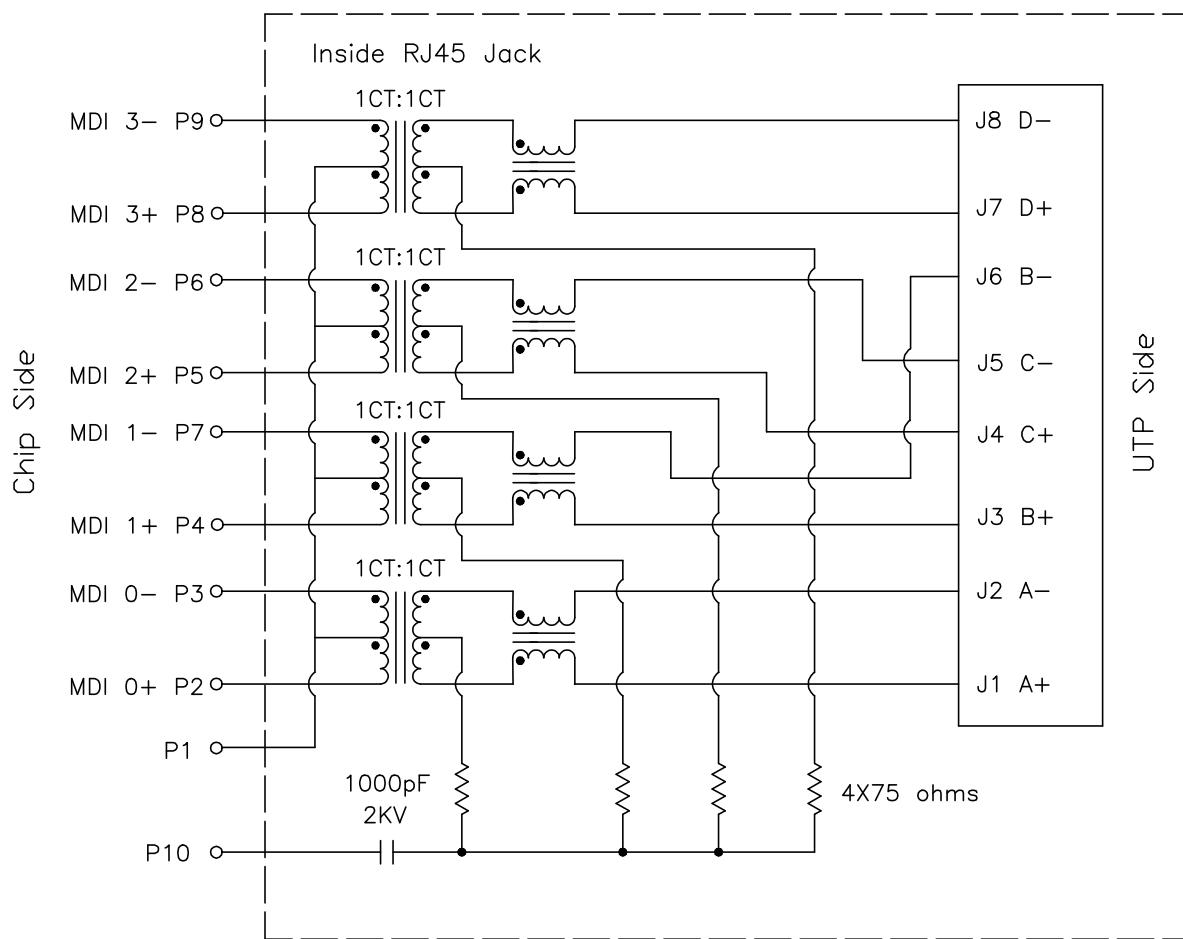
Insertion Loss: -1.0dB Maximum @1MHz ~ 100MHz

Return Loss: -18dB Minimum @1MHz ~ 30MHz / -13.5dB Minimum @30MHz ~ 60MHz  
-12dB Minimum @60MHz ~ 80MHz / -10dB Minimum @80MHz ~ 100MHz

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

Crosstalk: -30dB Minimum @1MHz ~ 60MHz / -26dB Minimum @60MHz ~ 100MHz

### Schematics



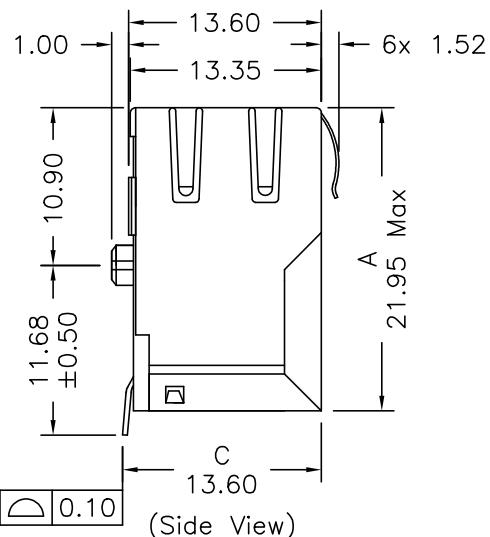
HY991130C

- RoHS Compliant (PB Free)
- Meets or Exceeds IEEE802.3ab standards including 350uH Min OCL with 8mADC
- High performance for EMI suppression, Crosstalk, Return Loss and Consistent Electrical
- Minimum 2250VDC 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

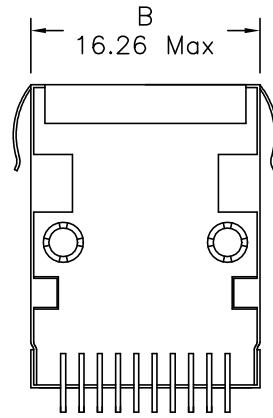
### Mechanical Dimensions:



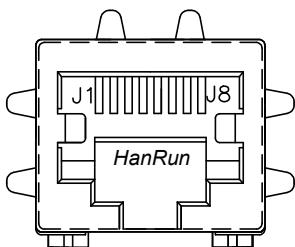
(Top View)



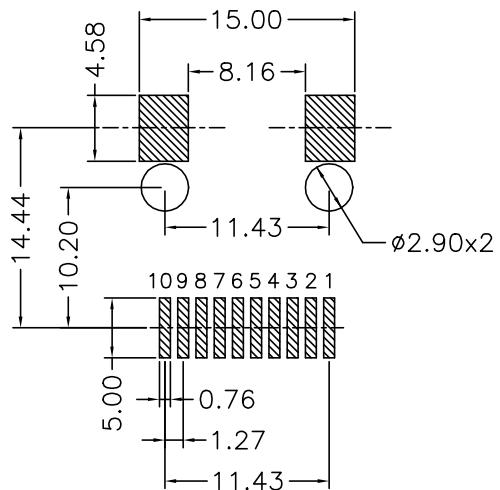
(Side View)



(Bottom View)



(Front View)



(Component Side View)  
(Mounting Pattern)

Dimensions in mm

Unless otherwise specified. Tolerance: .xx ±0.25

REV.: A/1

2 of 2

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

Tel: (0760)86103511 86103508 Fax: (0760)86103686 Post code: 528416

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

E-Mail: sales@hamlin.com <http://www.hamlin.com>  
Specifications subject to change without notice Refer to the approval sheet for lastly edition