

HY911105A

Electrical Specification @25°C

Operating Temperature Range: 0°C ~ +70°C

Isolation: 1500Vrms 0.5mA 60S (UTP Side to Chip Side)

OCL: 350uH Minimum @100KHz 100mV with 8mADC Insertion Loss: -1.0dB Maximum @300KHz ~ 100MHz

Return Loss: -20dB Minimum @1MHz ~ 10 MHz / -16dB Minimum @10MHz ~ 30 MHz

-12dB Minimum @30MHz ~ 60MHz / -10dB Minimum @60MHz ~ 80MHz

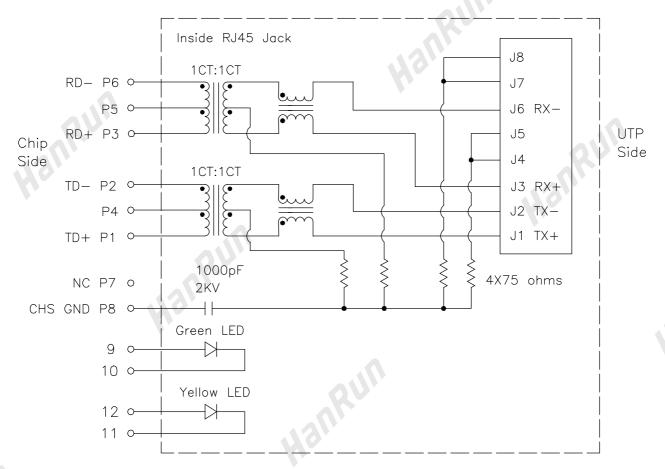
Common Mode Rejection: -30dB Minimum @1MHz ~ 50MHz

-20dB Minimum @50MHz ~ 150 MHz

Crosstalk: -40 dB Minimum @1MHz $\sim 30 \text{MHz}$ / -35 dB Minimum @30MHz $\sim 60 \text{MHz}$

-30dB Minimum @60MHz ~ 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

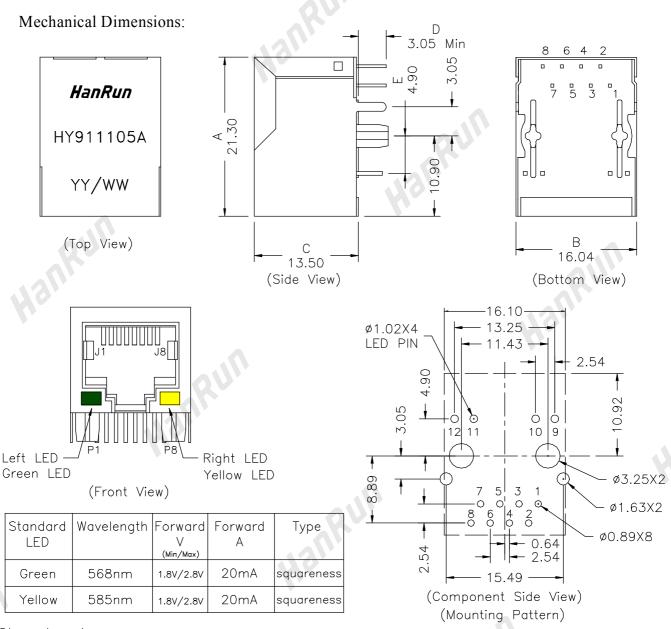
E-Mail: sales@hanrun.com http://www.hanrun.com

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



HY911105A

- RoHS Compliant (Pb Free)
- Designed for Network Interface Card Application
- 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 place on PCB, Higher reliability and yields



Dimensions in mm

Unless otherwise specified, Tolerance: .xx ± 0.25

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