

## HR911261C

### Electrical Specification @25°C

Isolation: 1500Vrms (UTP Side to Chip Side)

OCL: 350uH Minimum @100KHz 100mV with 8mADC

Insertion Loss: -1.0dB Maximum @100KHz ~ 60MHz

Insertion Loss: -1.1dB Maximum @60MHz ~ 100MHz

Return Loss: -18dB Minimum @0.3MHz ~ 30MHz / -15dB Minimum @40MHz ~ 60MHz  
-10dB Minimum @80MHz ~ 100MHz

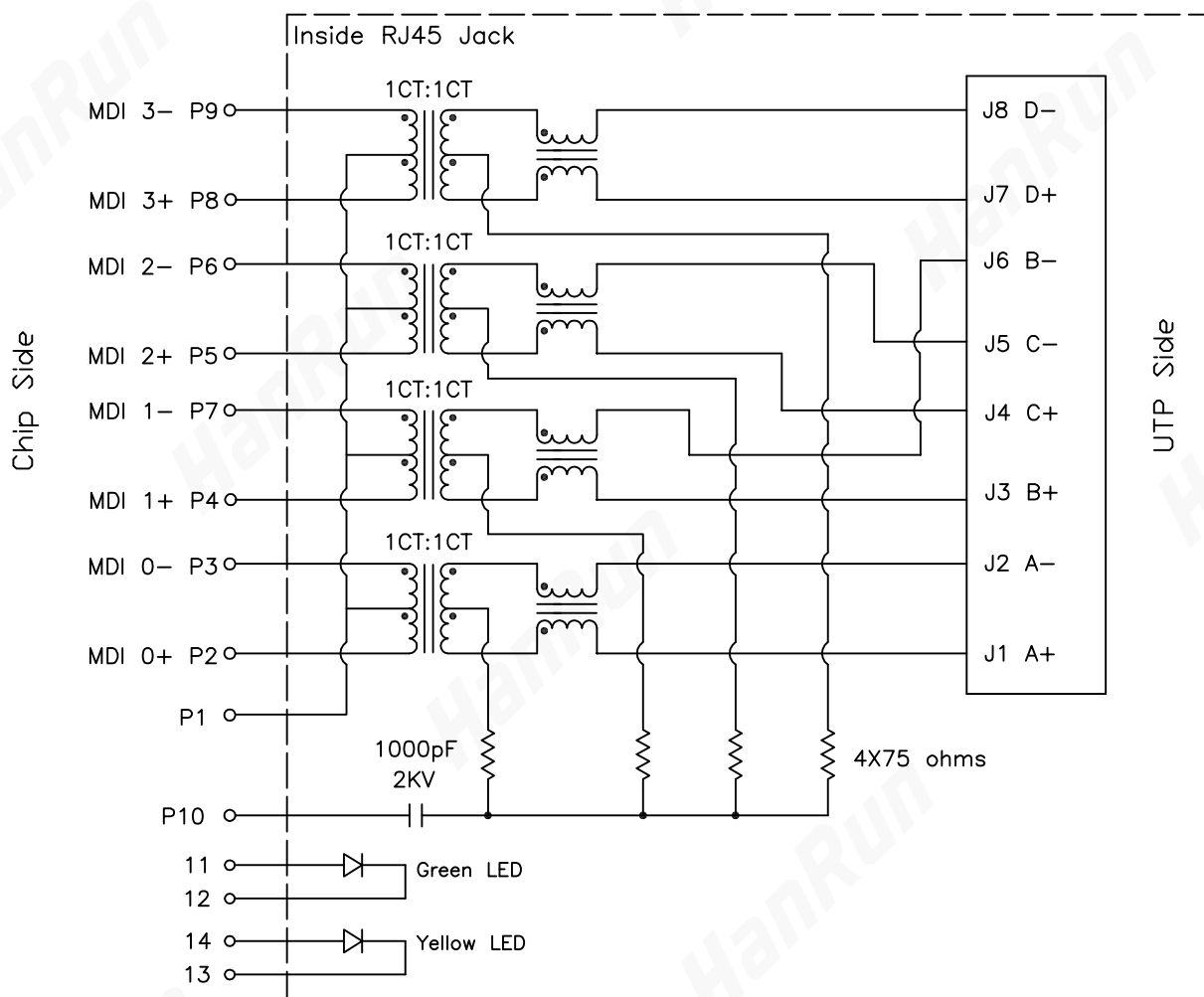
Common Mode Rejection: -40dB Minimum @1MHz ~ 60MHz

-35dB Minimum @60MHz ~ 100MHz

Crosstalk: -35dB Minimum @1MHz ~ 10MHz / -26dB Minimum @15MHz ~ 60MHz

-24dB Minimum @60MHz ~ 100MHz

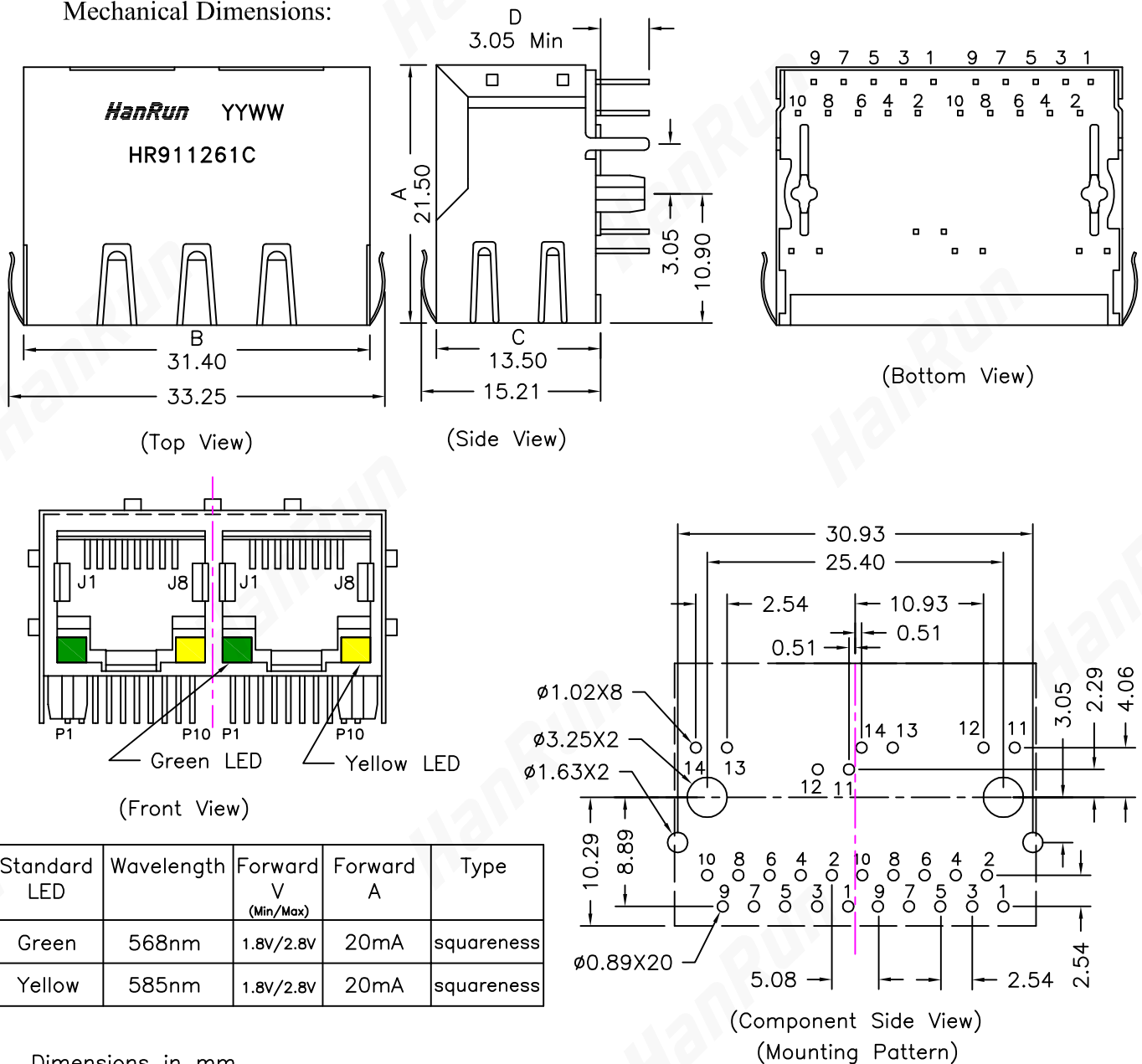
### Schematics



## HR911261C

- Meets or Exceeds IEEE802.3ab 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

### Mechanical Dimensions:



Dimensions in mm

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

REV.B (2008/1/31)

2 of 2