

HY901137C

Electrical Specification @25°C

RoHS Compliant (PB Free)

Isolation: 1500Vrms (UTP Side to Chip Side)

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

Insertion Loss: -1.2dB Maximum @0.3MHz ~ 100MHz

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

-13.5dB Minimum @40MHz / -11.5dB Minimum @50MHz

-10dB Minimum @60MHz ~ 100MHz

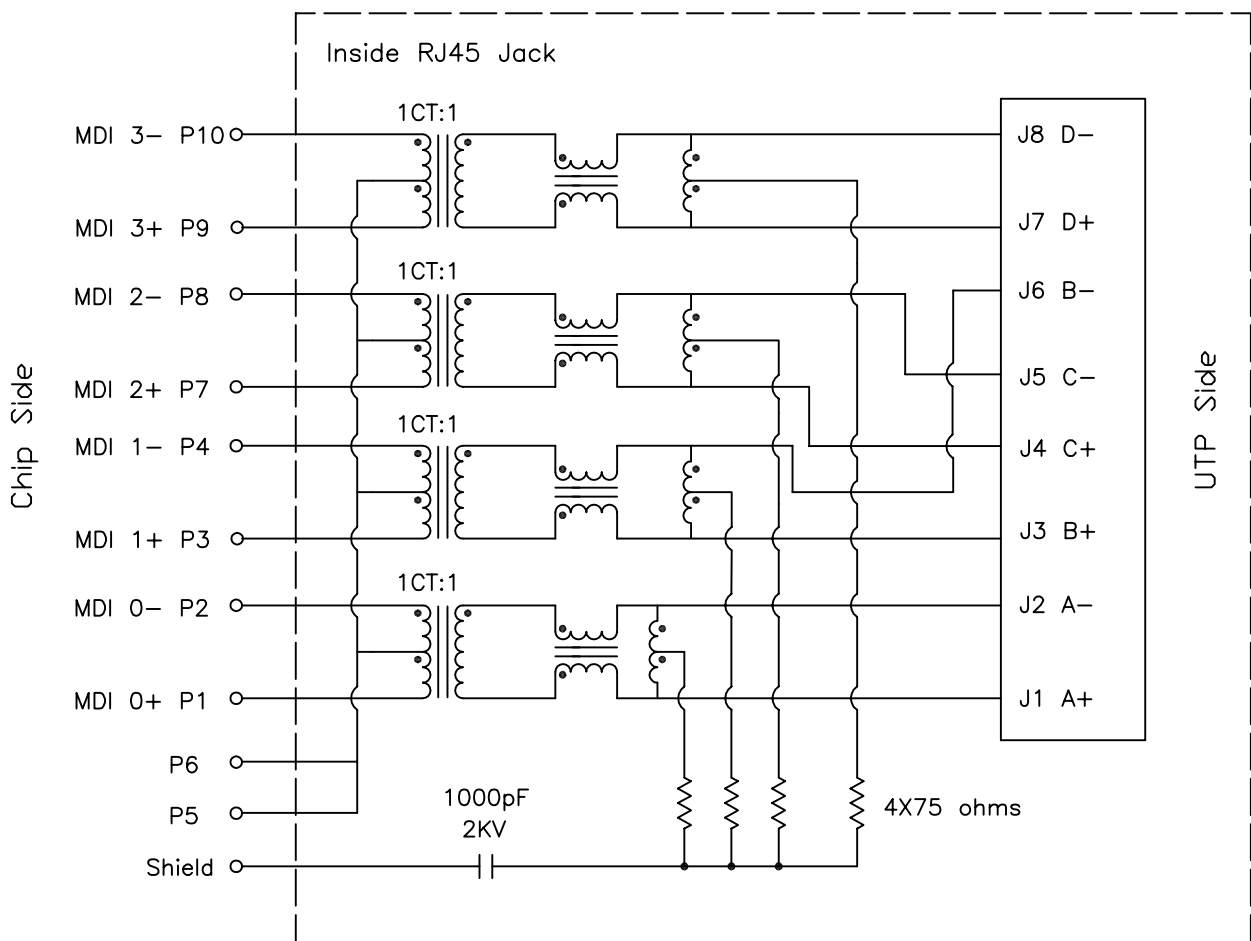
Differential to Common Mode Rejection: -35dB Minimum @30MHz

-32dB Minimum @60MHz / -30dB Minimum @100MHz

Crosstalk: -40dB Minimum @30MHz / -36dB Minimum @60MHz

-30dB Minimum @100MHz

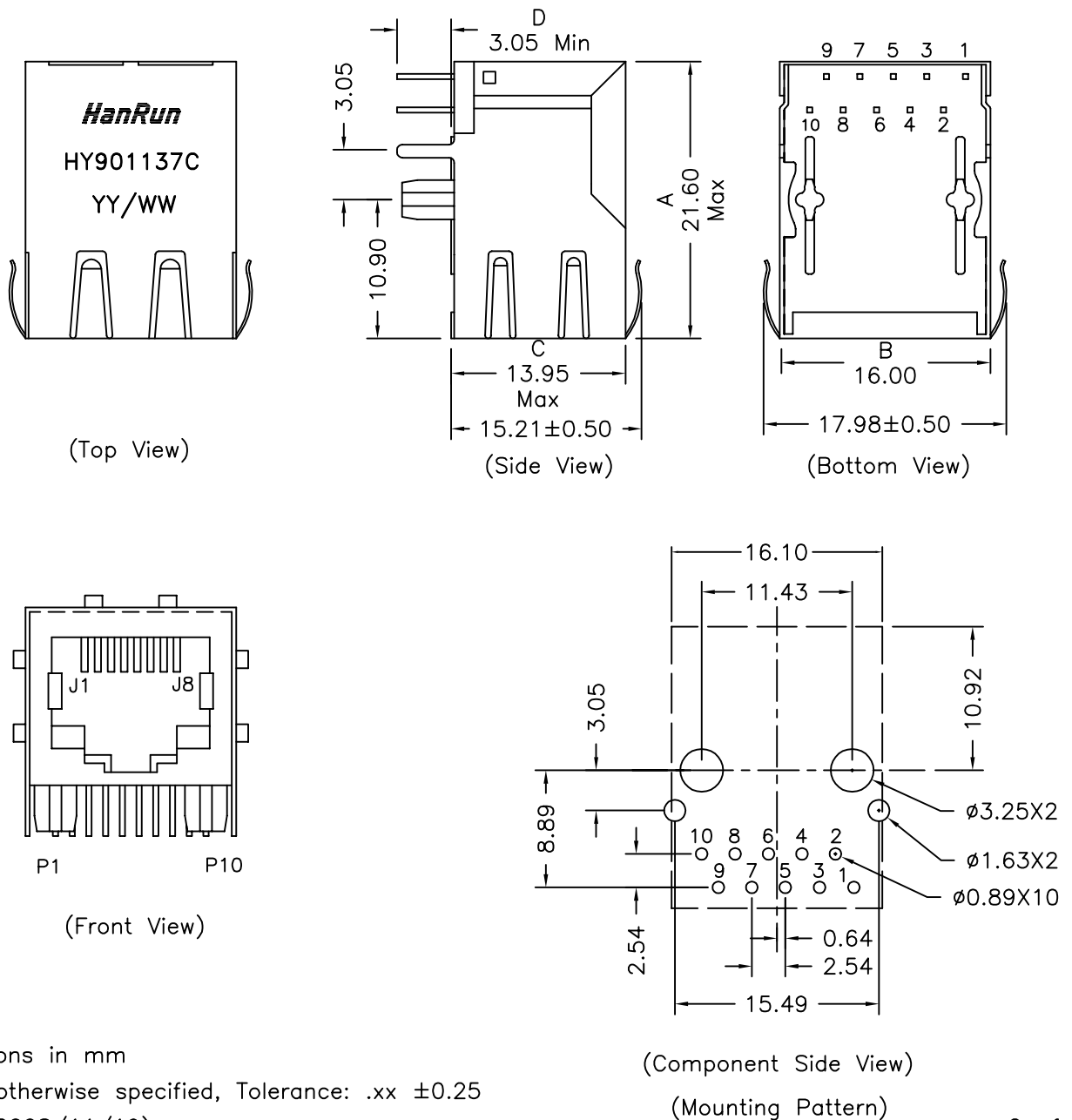
Schematics



HY901137C

- 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 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:



REV.A (2008/11/19)