

HR961160C

Electrical Specification @25°C

RoHS Compliant

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

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

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

Insertion Loss: -1.0dB Maximum @1MHz ~ 65MHz

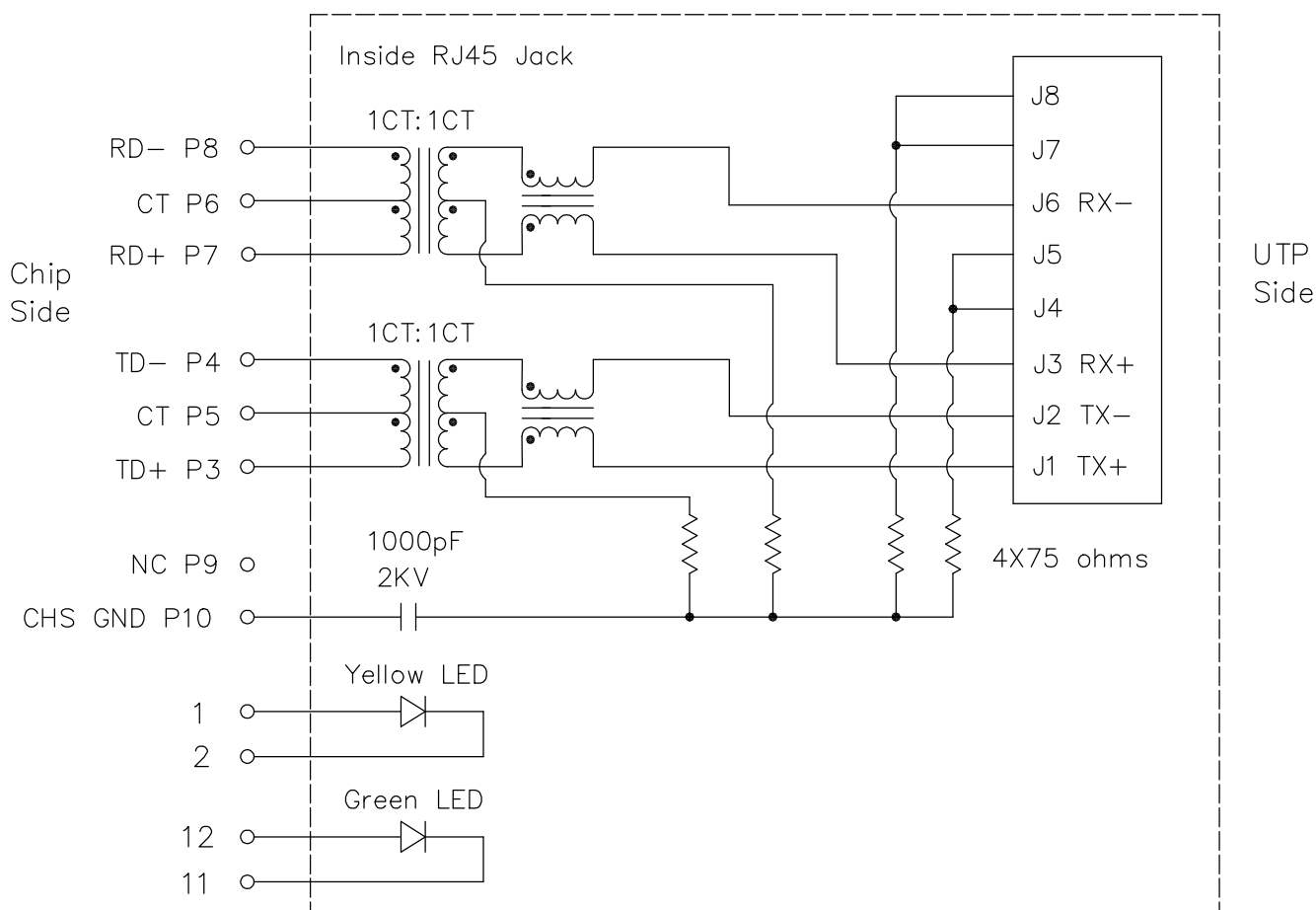
Return Loss: -20dB Minimum @1MHz ~ 10MHz / -16dB Minimum @30MHz
-12dB Minimum @60MHz ~ 80MHz

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

-20dB Minimum @50MHz ~ 130MHz

Crosstalk: -40dB Minimum @1MHz ~ 10MHz / -35dB Minimum @30MHz ~ 60MHz
-30dB Minimum @60MHz ~ 100MHz

Schematics

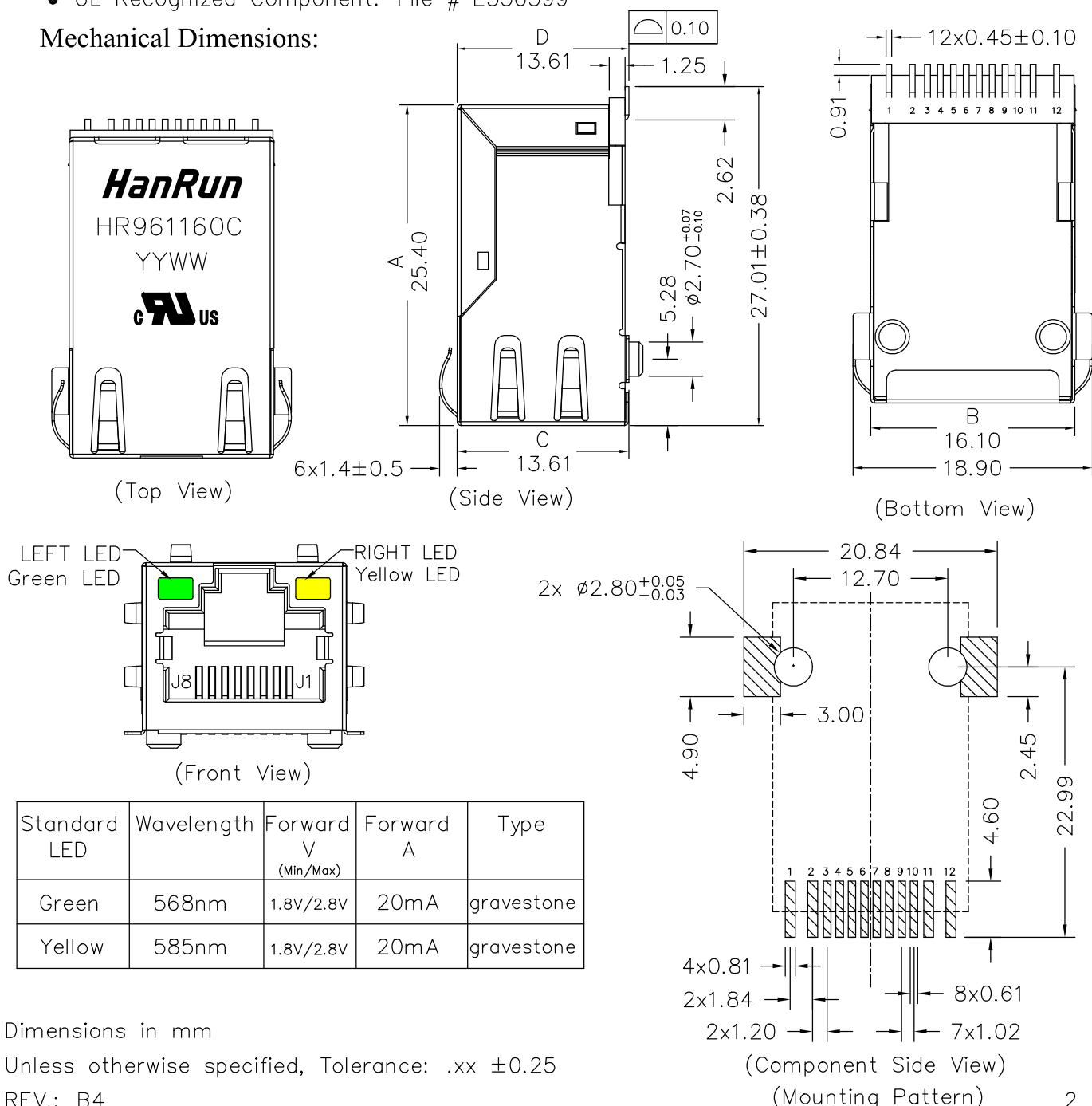


Notes: Connect CHS GND to PCB Ground

HR961160C

- RoHS Compliant
- 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 2250VDC isolation per IEEE802.3 requirement
- Minimize PCB space and Simplify PCB Layout
- Less magnetic components to place on PCB, Higher reliability and yields
- UL Recognized Component: File # E330599

Mechanical Dimensions:



Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

REV.: B4

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