

HR915330AE

Electrical Specification @25°C

RoHS Compliant (PB Free)

Operating Temperature Range: -40°C ~ +85°C

Isolation: 2250VDC 0.5mA 60sec (J1~8 to P1~10)

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

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

-1.1dB Maximum @60MHz ~ 100MHz

Return Loss: -18dB Minimum @0.3MHz ~ 30MHz / -14dB Minimum @40MHz ~ 60MHz

-12dB Minimum @80MHz ~ 100MHz

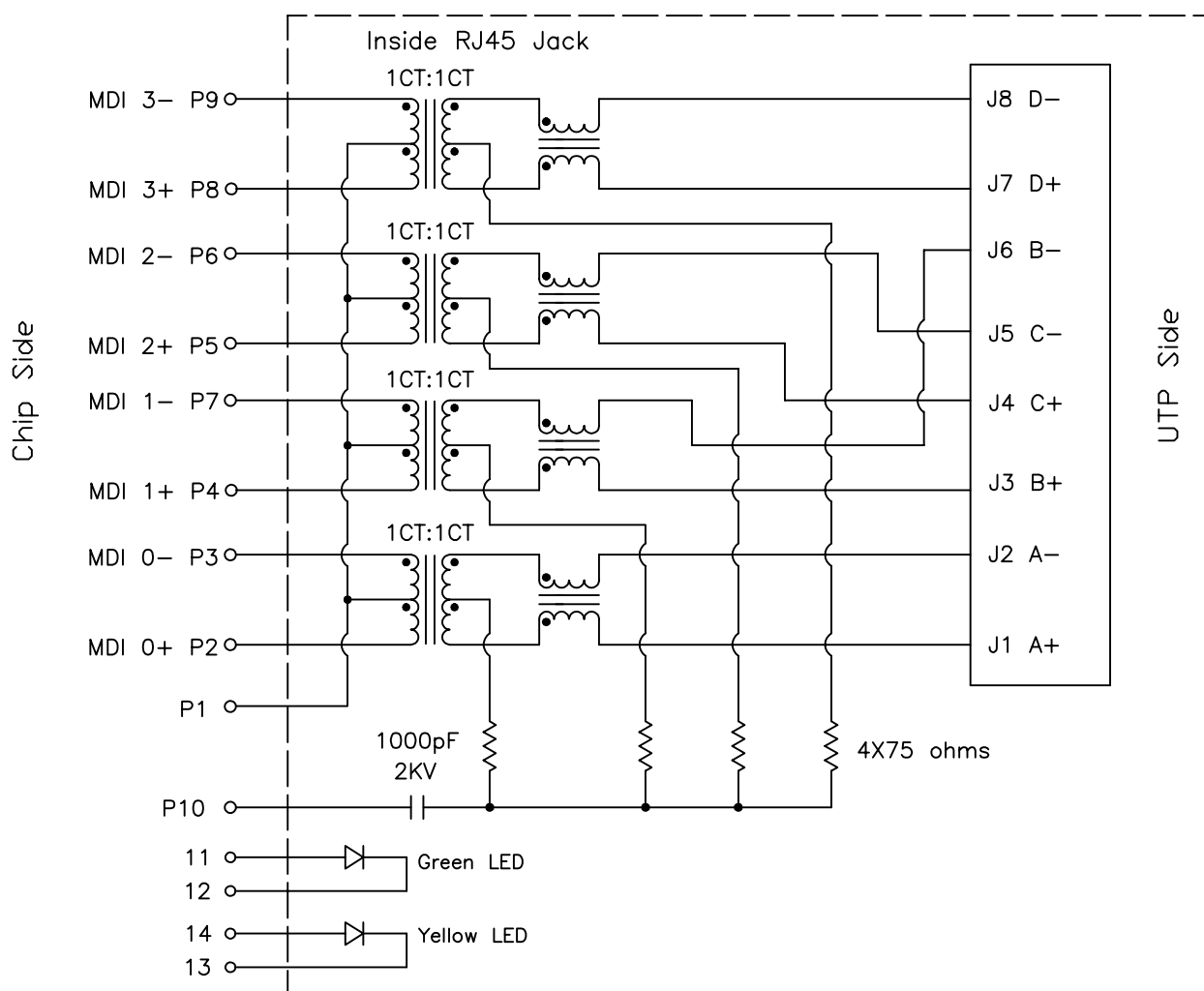
Common Mode Rejection: -40dB Minimum @1MHz ~ 60MHz

-35dB Minimum @60MHz ~ 100MHz

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

-24dB Minimum @60MHz ~ 100MHz

Schematics



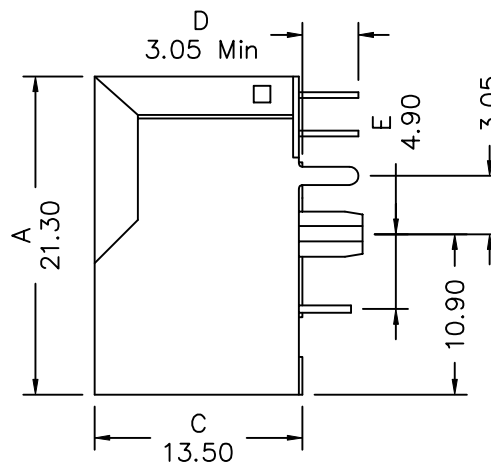
HR915330AE

- RoHS Compliant (PB Free)
- Meets or Exceeds IEEE802.3ab standards for 1000Base-T
- 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

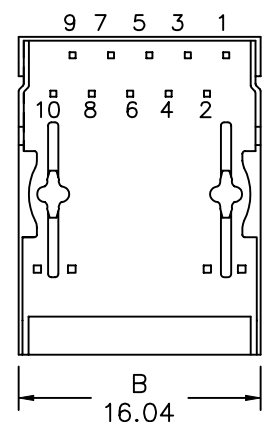
Mechanical Dimensions:



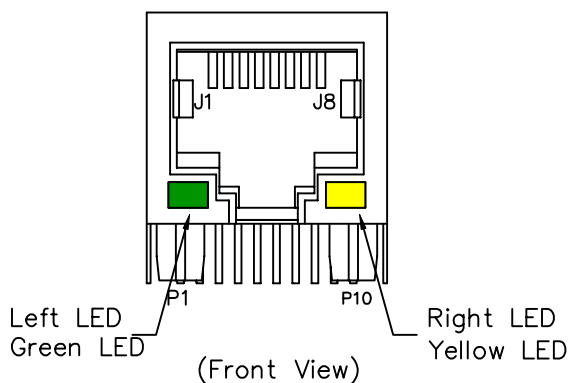
(Top View)



(Side View)

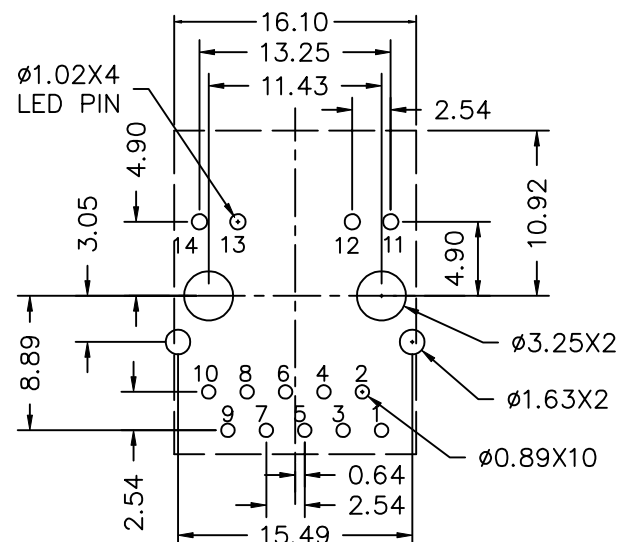


(Bottom View)



(Front View)

Standard LED	Wavelength	Forward V (Min/Max)	Forward A	Type
Green	568nm	1.8V/2.8V	20mA	squareness
Yellow	585nm	1.8V/2.8V	20mA	squareness



(Component Side View)

(Mounting Pattern)

Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

REV.00

2 of 2

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.