

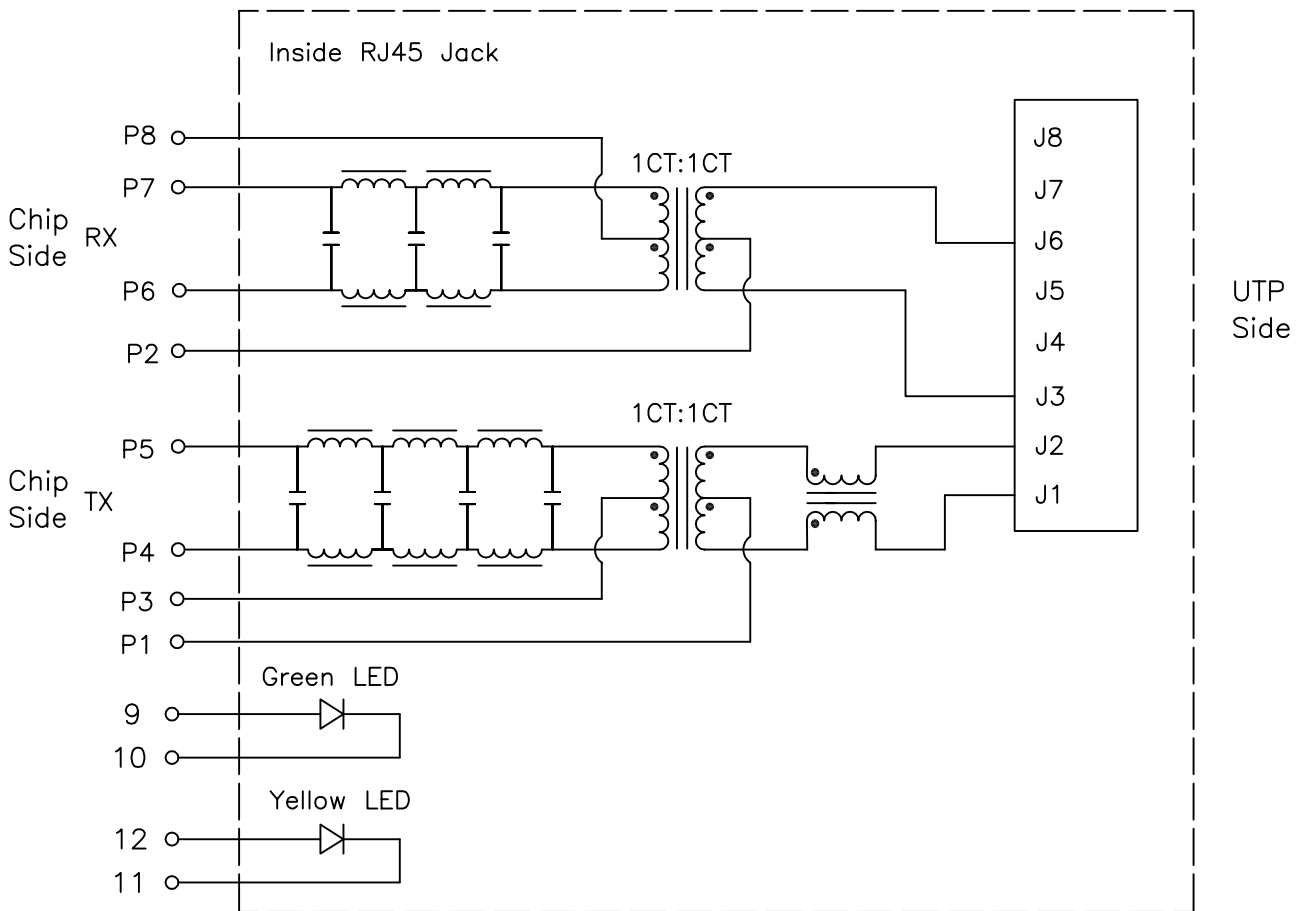
10Base-T  
 Single Port RJ45 Connector  
 with Integrated Magnetics

Part Number:  
 HR911170A

Electrical Specification @25° C

Isolation: 1500Vrms (UTP Side to Chip Side)  
 Insertion Loss: -1.0dB Maximum @1MHz ~ 10MHz  
 Return Loss: -15dB Minimum @1MHz ~ 10MHz  
 Crosstalk: -30dB Minimum @1MHz ~ 10MHz  
 Attenuation @30MHz  
   Transmit: -30dB Minimum  
   Receive: -20dB Minimum  
 Cut-off Frequency: 17MHz Typical  
 I/O Impedance: 100 ohms

Schematics



Part No.: HR911170A	Unless otherwise specified, Tolerance: .xx ±0.25	Rev: A/1	DRWN:	Date:
Dimensions in mm		Page 1/2	APPD:	Date:
Tel: (0760)22126805 22132332 • Fax: (0760)22132339 • E-Mail: sales@hanrun.com • http: www.hanrun.com				

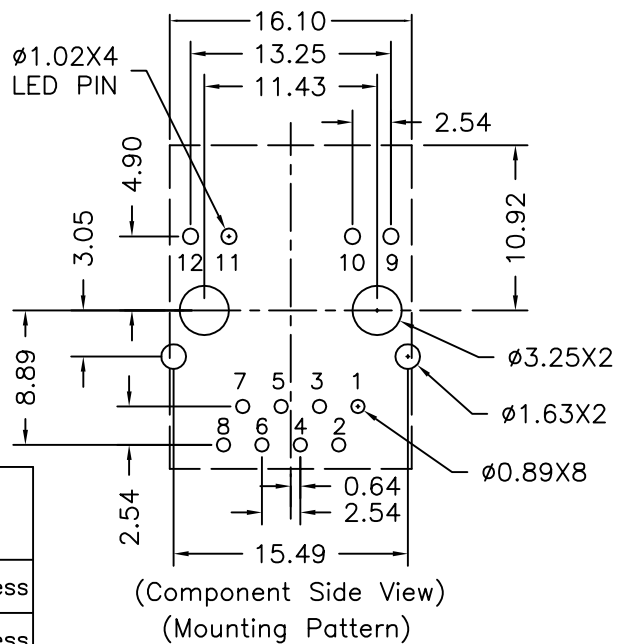
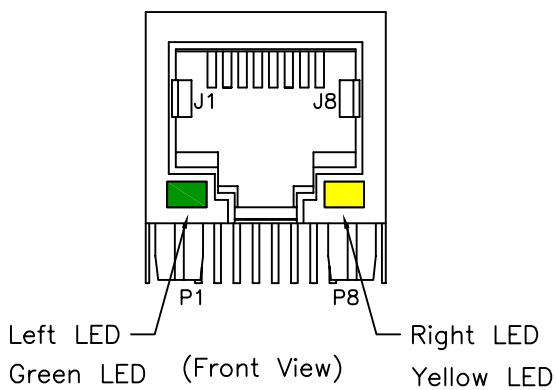
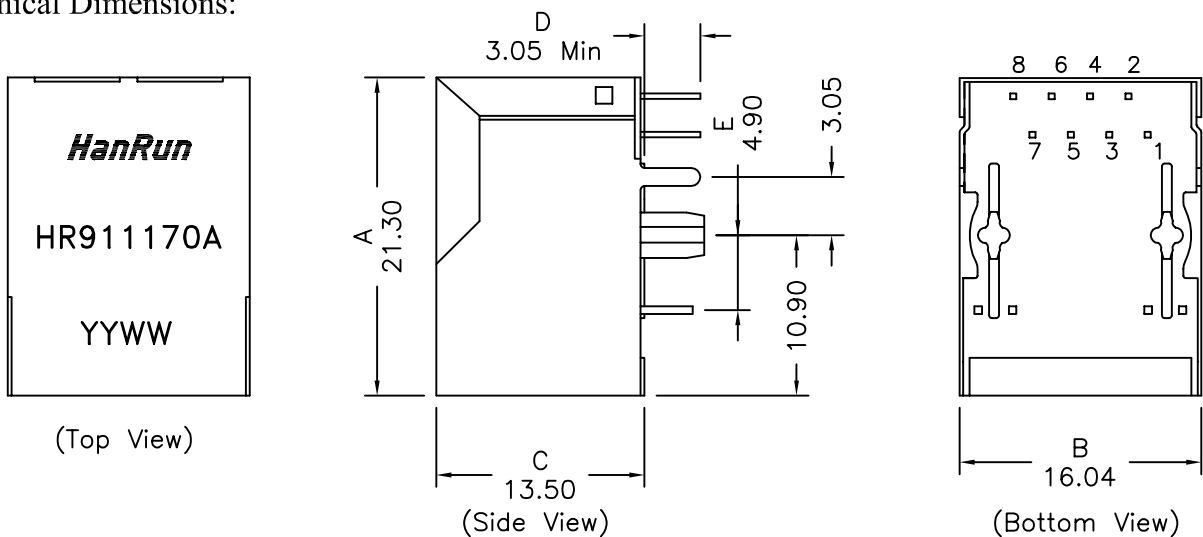
Single Port RJ45 Connector  
with Magnetics Module and LED

Part Number

HR911170A (Shield Type: A)

- Designed for Network Interface Card Application
- Meets or Exceeds IEEE802.3 standards
- 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

Mechanical Dimensions:



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

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