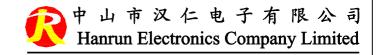
Single Port RJ45 Connector with Magnetics Module and LED

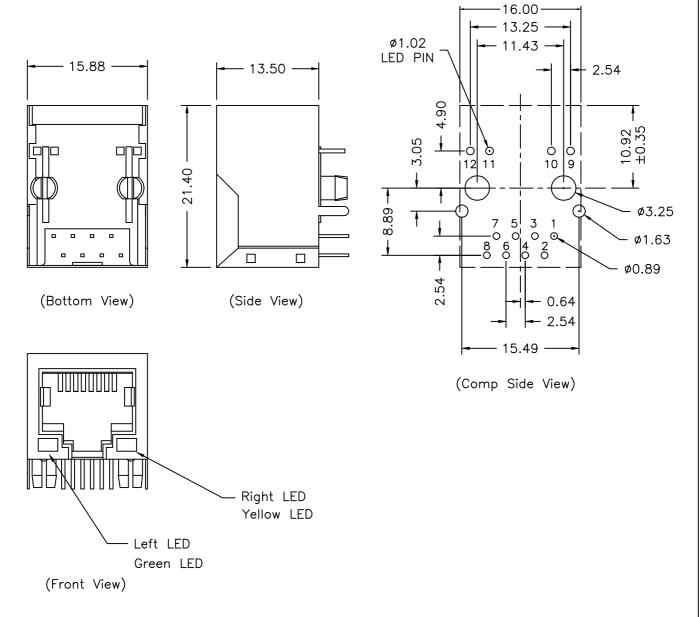


Part Number

HR911105A (Shield Type: A)

- 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 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:



Dimensions in mm					
Dimensions in mm	.xx ±0.25	Dago 1 /1	VDDD.	Date:	
Part No.: HR911105A	Unless otherwise specified, Tolerance:	Rev: A	DRWN:	Date:	

1ei: (0/60) 212106/ 21216/9 • Fax: (0/60) 2121065 • E-Maii: nanrun@pub.znongsnan.gd.cn • nup: www.nanrun.com

Single Port RJ45 Connector with Integrated Magnetics and LED for 10/100Base-TX NIC Applications



Part Number:

HR911105

Electrical Specification @25°C

Isolation: 1500Vrms (UTP Side to Chip Side)

OCL: 350uH Minimum @100KHz 100mV with 8mADC Insertion Loss: -1.0dB Maximum @300KHz ~ 100MHz

Return Loss: -20dB Minimum @1MHz ~ 10MHz

−16dB Minimum @10MHz ~ 30MHz

-12dB Minimum @30MHz \sim 60MHz

−10dB Minimum @60MHz ~ 80MHz

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

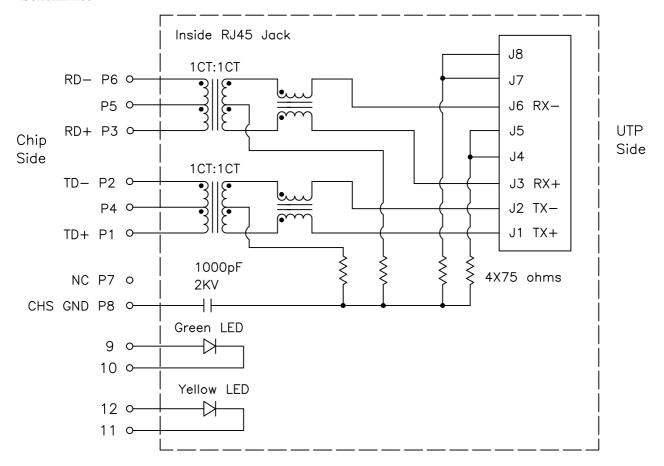
−20dB Minimum @50MHz ~ 150MHz

Crosstalk: −40dB Minimum @1MHz ~ 30MHz

-35dB Minimum @30MHz ~ 60MHz

-30dB Minimum @60MHz ~ 100MHz

Schematics



Notes: Connect CHS GND to PCB Ground

Part No.: HR911105	Unless otherwise specified, Tolerance:	Rev: A	DRWN:	Date:		
Dimensions in mm	.xx ±0.25	Page 1/1	APPD:	Date:		
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