

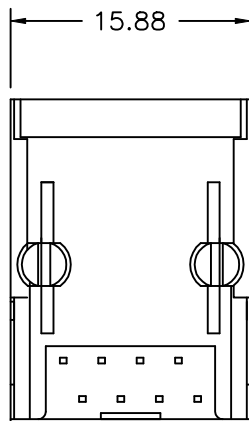
Single Port RJ45 Connector
with Integrated Magnetics

Part Number

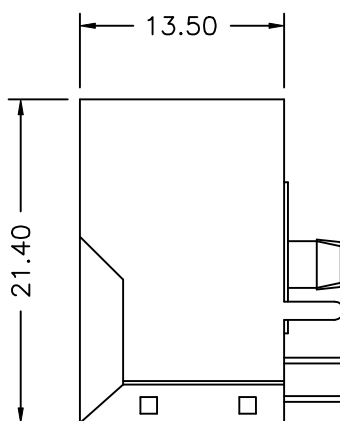
HR901170A (Shield Type: A)

- 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

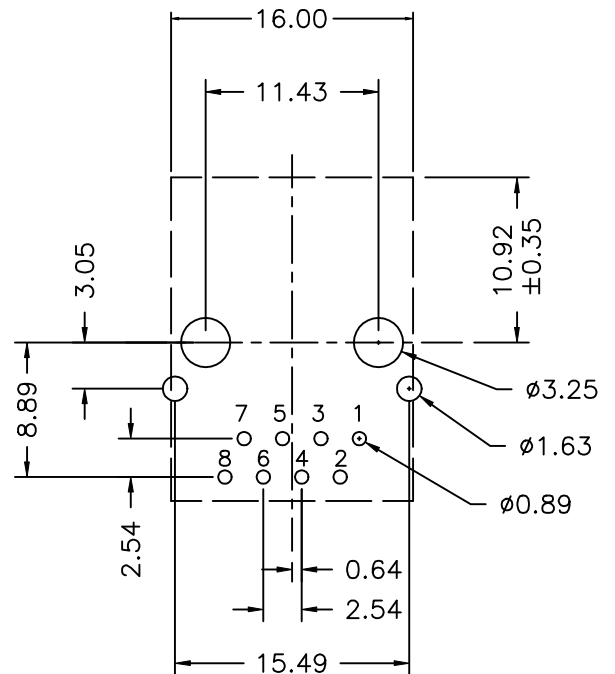
Mechanical Dimensions:



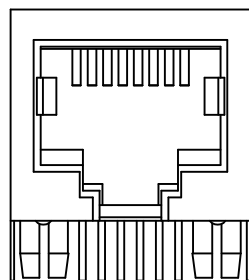
(Bottom View)



(Side View)



Mounting Pattern
(Comp Side View)



(Front View)

Part No.: HR901170A	Unless otherwise specified, Tolerance:	Rev: A	DRWN:	Date:
Dimensions in mm	.xx ±0.25	Page 1/1	APPD:	Date:

10Base-T
Single Port RJ45 Connector
with Integrated Magnetics

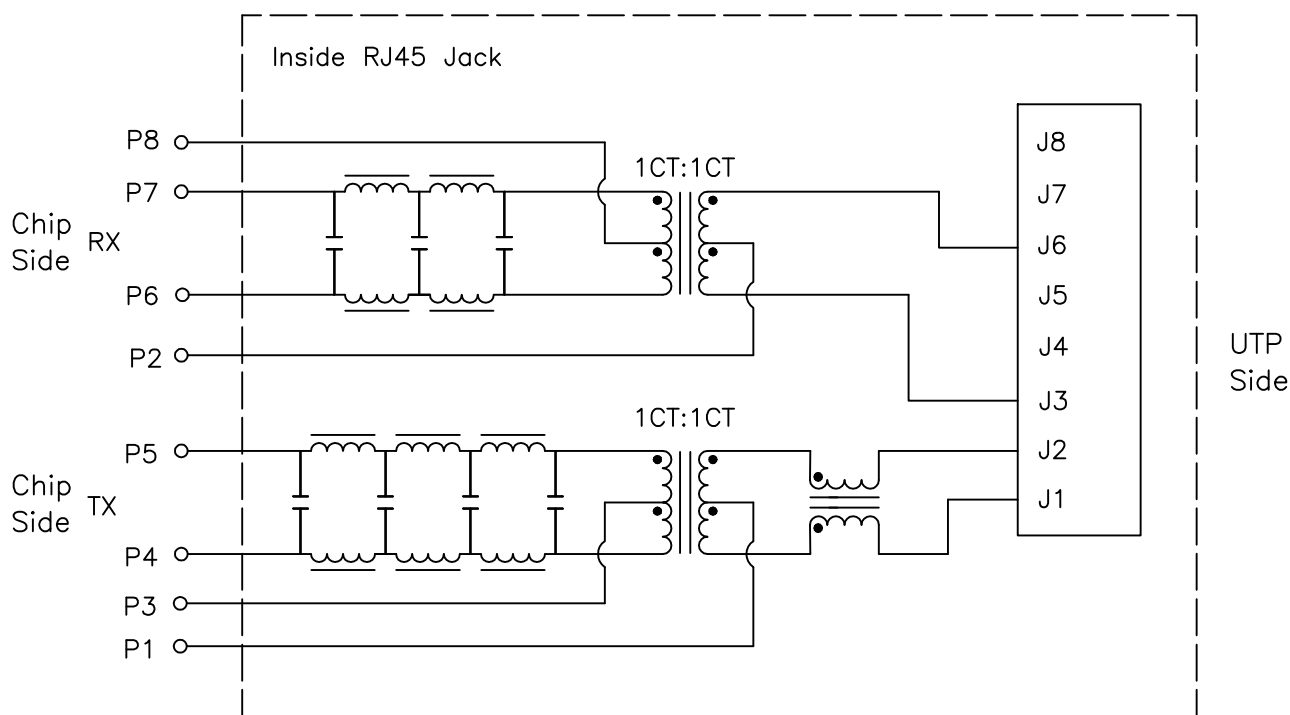
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Electrical Specification @25°C

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.: HR901170	Unless otherwise specified, Tolerance:	Rev: A	DRWN:	Date:
Dimensions in mm	.xx ±0.25	Page 1/1	APPD:	Date:
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