

**Single Port RJ45 Connector
with Integrated Magnetics / Power
for 10/100Base-TX Applications**

Part Number:
HY951125A

Electrical Specification @25°C

RoHS Compliant (PB Free)

Isolation: 1500Vrms (UTP Side to Chip Side)

350mA Current Capability

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 ~ 60MHz

-10dB Minimum @60MHz ~ 80MHz

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

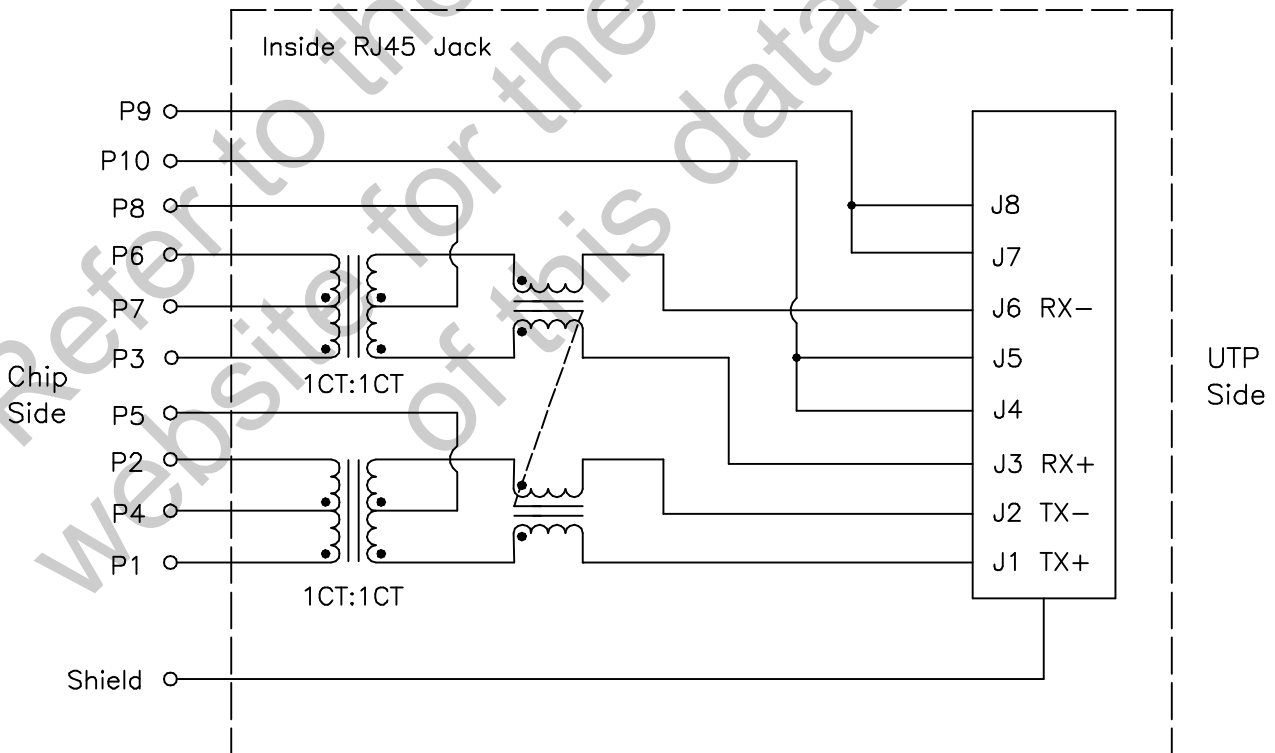
-20dB Minimum @50MHz ~ 150MHz

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

-35dB Minimum @30MHz ~ 60MHz

-30dB Minimum @60MHz ~ 100MHz

Schematics



Part No.: HY951125A	Unless otherwise specified, Tolerance:	Rev: A	DRWN:	Date:
Dimensions in inches	.xxx ±0.010	Page 1/2	APPD:	Date: