

HR963129CE

Electrical Specification @25°C

RoHS Compliant (PB Free)

Operating Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Isolation: 2250VDC 0.5mA 60sec (UTP Side to Chip Side)

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

Insertion Loss: -1.0dB Maximum @1MHz \sim 100MHz

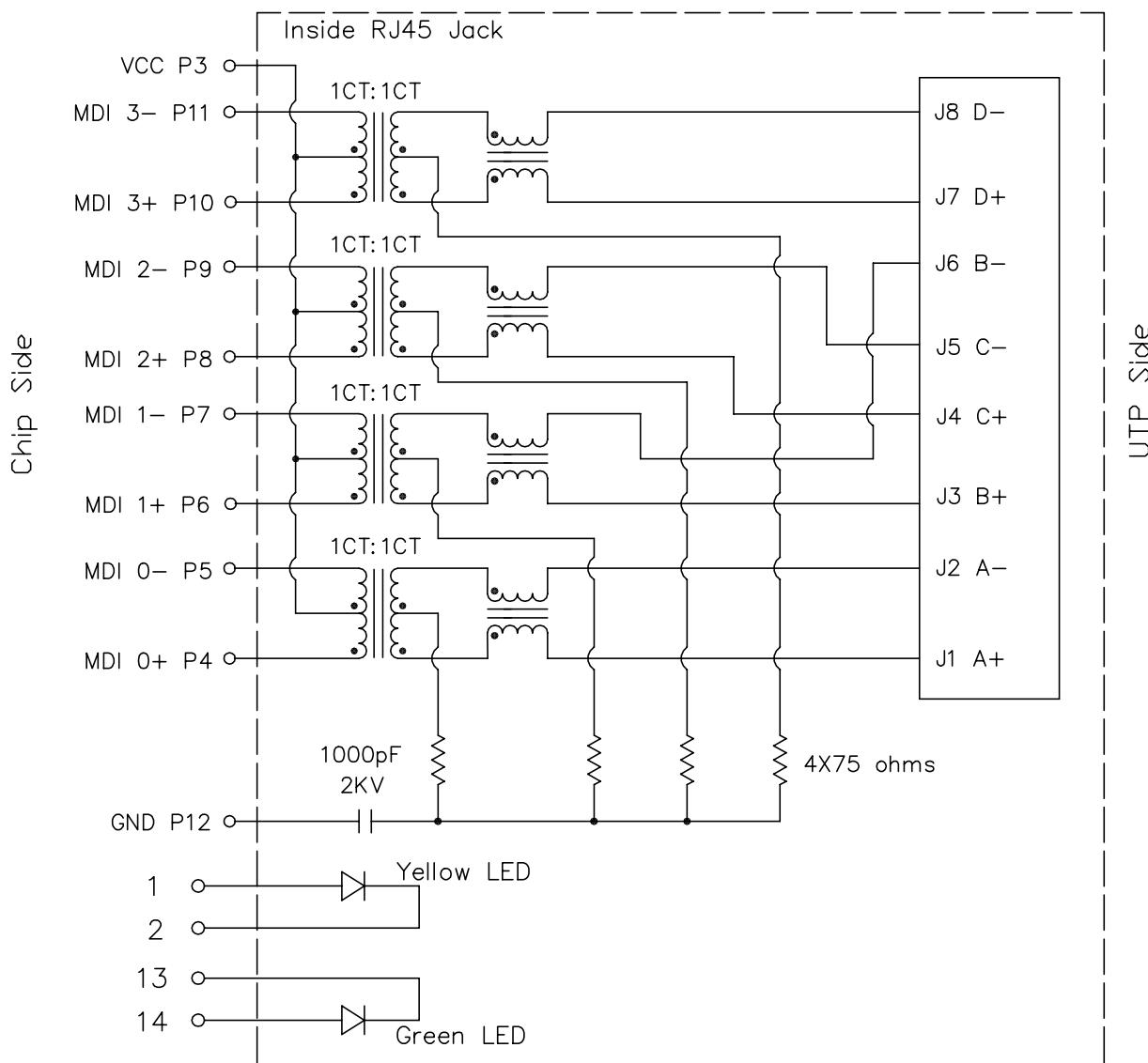
Return Loss: -18dB Minimum @1MHz \sim 30MHz / -13.5dB Minimum @30MHz \sim 60MHz

-12dB Minimum @60MHz \sim 80MHz / -10dB Minimum @80MHz \sim 100MHz

Common Mode Rejection: -30dB Minimum @1MHz \sim 100MHz

Crosstalk: -30dB Minimum @1MHz \sim 60MHz / -26dB Minimum @60MHz \sim 100MHz

Schematics



HR963129CE

- RoHS Compliant (PB Free)
- 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 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:

