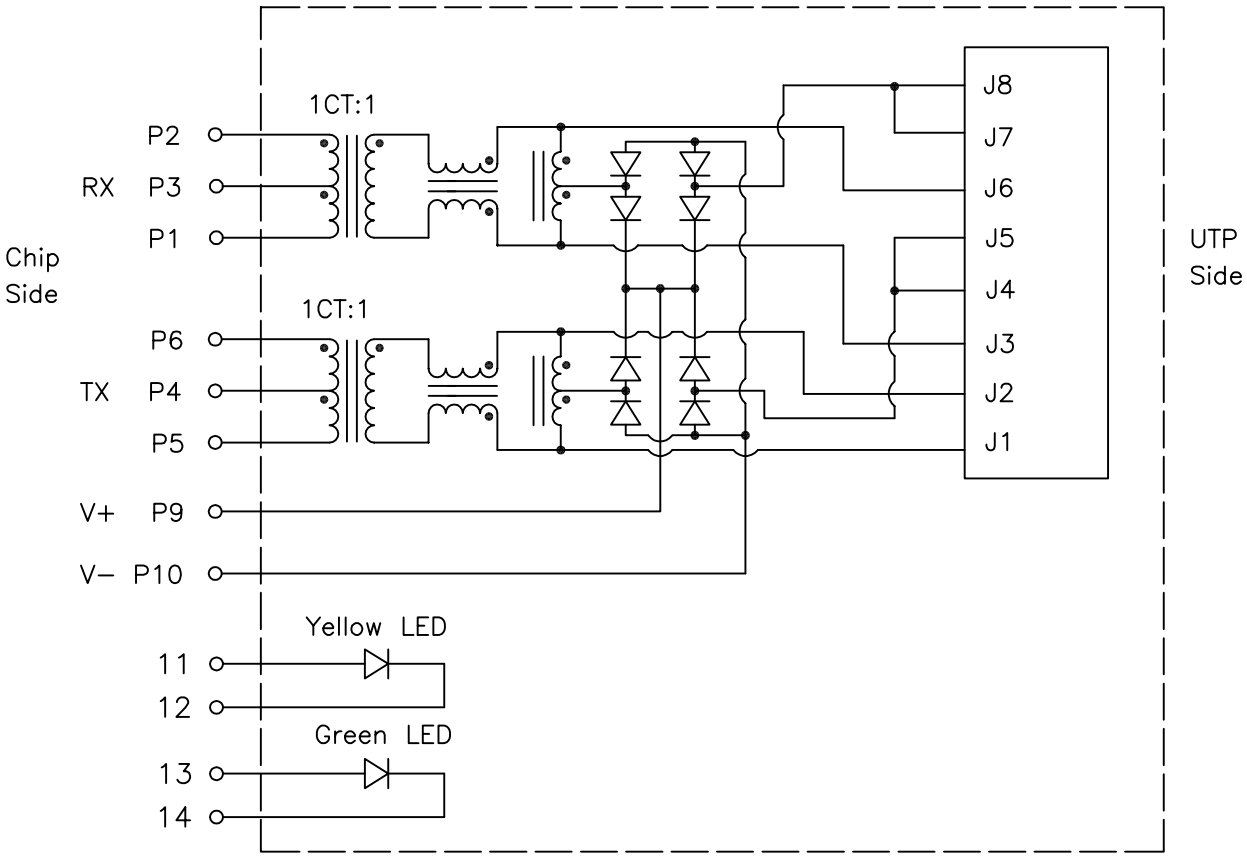
HY931147C

Electrical Specification @25°C

RoHS Compliant (PB Free)
Isolation: 1500Vrms 1 minute (P2+P5 to J2+J3)
OCL: 350uH Minimum @100KHz 100mV with 8mADC
Insertion Loss: −1.0dB Maximum @1MHz ~ 100MHz
Return Loss: −18dB Minimum @1MHz ~ 30MHz
−16dB Minimum @30MHz ~ 45MHz
−14dB Minimum @45MHz ~ 60MHz
−12dB Minimum @60MHz ~ 80MHz
Common Mode Rejection: −35dB Minimum @1MHz ~ 100MHz
Crosstalk: −30dB Minimum @1MHz ~ 100MHz

Schematics



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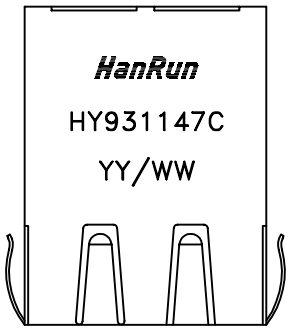
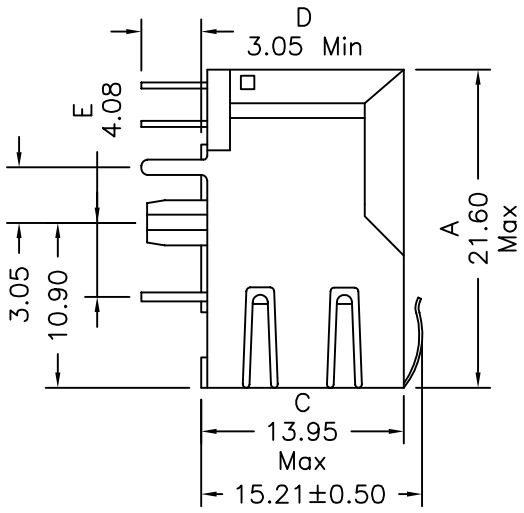
- RoHS Compliant (PB Free)
- Meets or Exceeds IEEE802.3af standards including 350uH Min OCL with 8mADC
- High performance for EMI suppression, Crosstalk, Return Loss and Consistent Electrical
- Minimum 1500Vrms isolation per IEEE802.3 requirement
- Minimize PCB space and Simplify PCB Layout
- Less magnetic components to be placed on PCB, Higher reliability and yields

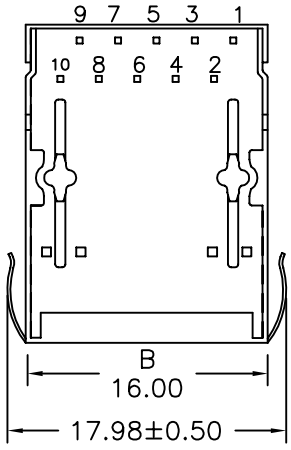
Mechanical Dimensions:



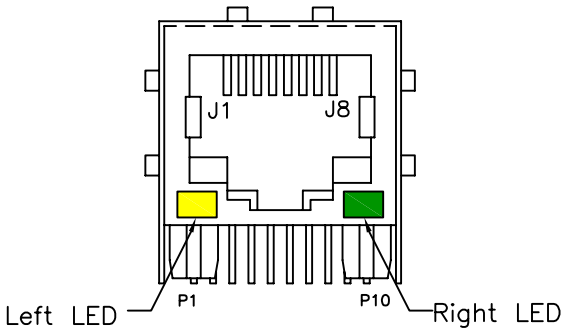
(Top View)



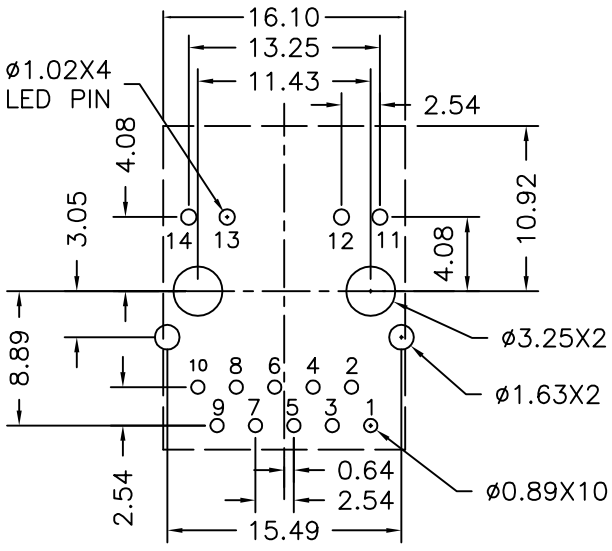
(Side View)



(Bottom View)



(Front View)



(Component Side View)

(Mounting Pattern)

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

Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

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