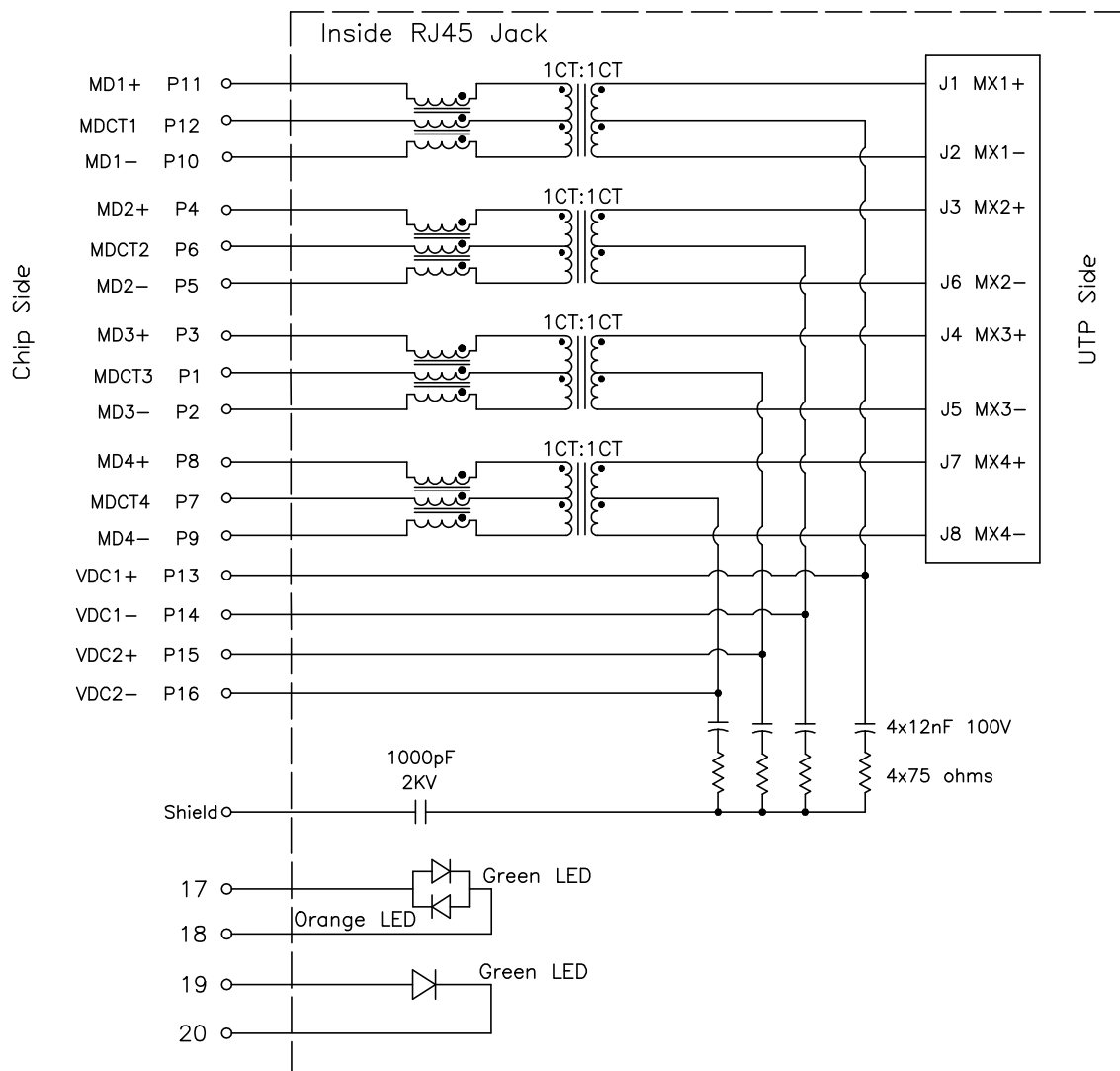


**HR931474CE**

**Electrical Specification @25°C**

Isolation: 2250VDC 0.5mA 60S (J1~8 to P1~12)  
 OCL: 350uH Minimum @100KHz 100mV with 18mADC  
 Insertion Loss: -1.0dB Maximum @1MHz ~ 100MHz  
 Return Loss: -16dB Minimum @1MHz ~ 30MHz / -13.5dB Minimum @30MHz ~ 60MHz  
 -12dB Minimum @60MHz ~ 80MHz / -10dB Minimum @80MHz ~ 100MHz  
 Common Mode Rejection: -30dB Minimum @1MHz ~ 100MHz  
 Crosstalk: -35dB Minimum @1MHz ~ 30MHz / -30dB Minimum @30MHz ~ 60MHz  
 -25dB Minimum @60MHz ~ 100MHz  
 Designed To Support 57VDC, 600mA per centre tap  
 (30W when using 2 centre taps; 60W when using 4 centre taps)

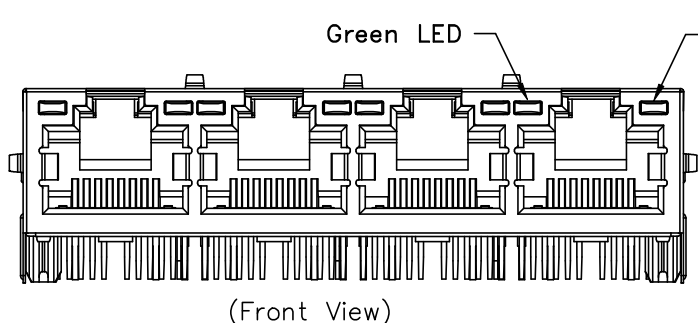
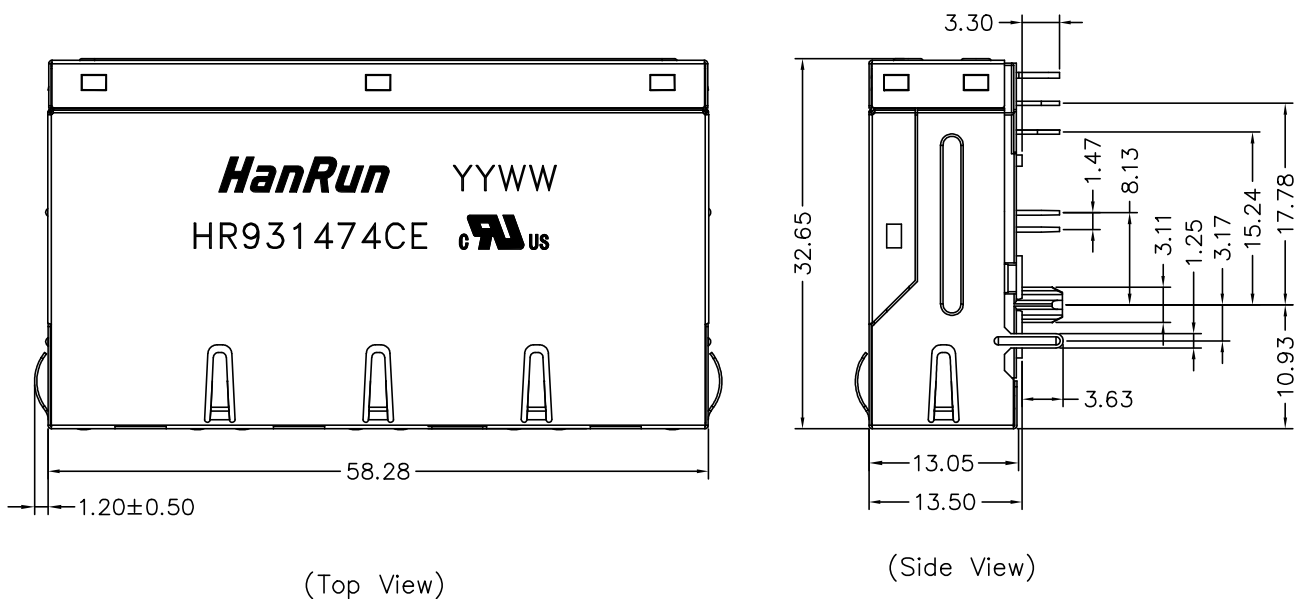
**Schematics**



**HR931474CE**

- RoHS Compliant (PB Free)
- Meets or Exceeds IEEE802.3at standards
- 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:**



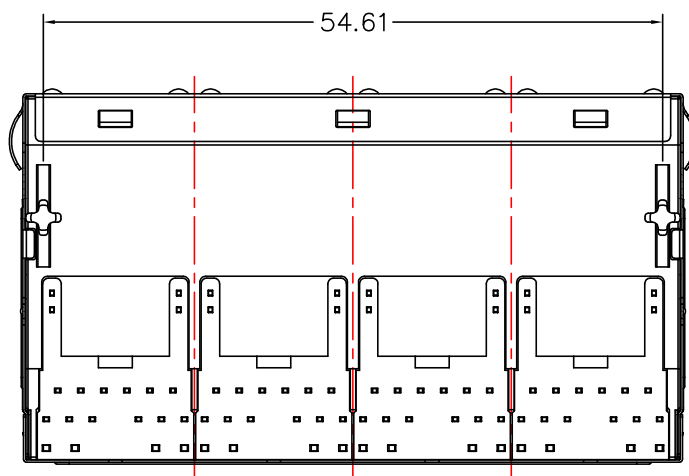
Standard LED	Wavelength	Forward V (Min/Max)	Forward A
Green	568nm	1.8V/2.8V	20mA
Green/Orange	568nm/600nm	1.8V/2.8V	20mA

Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

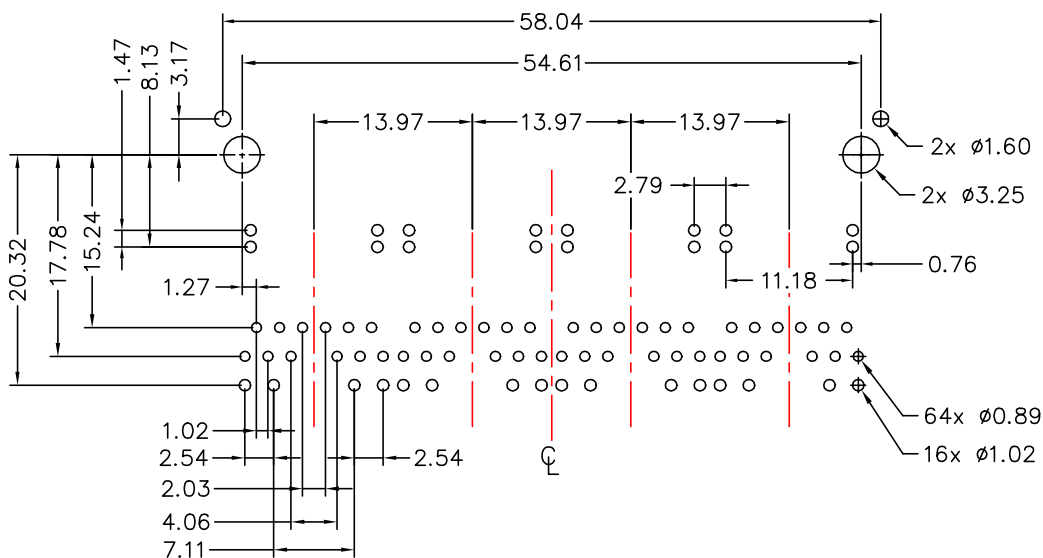
REV.: 00

HR931474CE



(Bottom View)

PCB Layout:



Recommended PCB layout (Component Side View)

All dimension tolerance are  $\pm 0.08$  unless otherwise specified

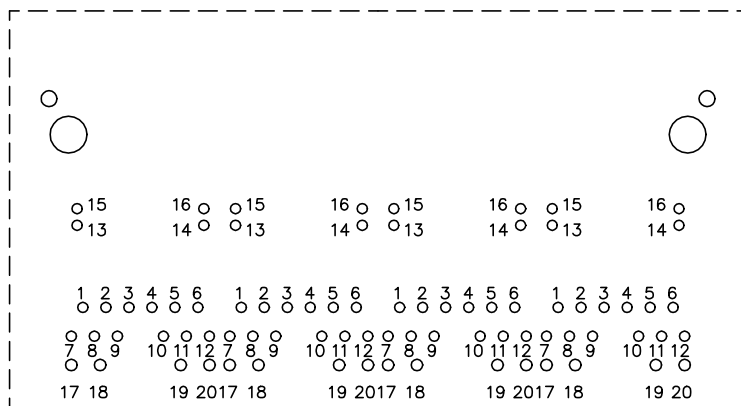
Dimensions in mm

Unless otherwise specified, Tolerance:  $.xx \pm 0.25$

REV.: 00

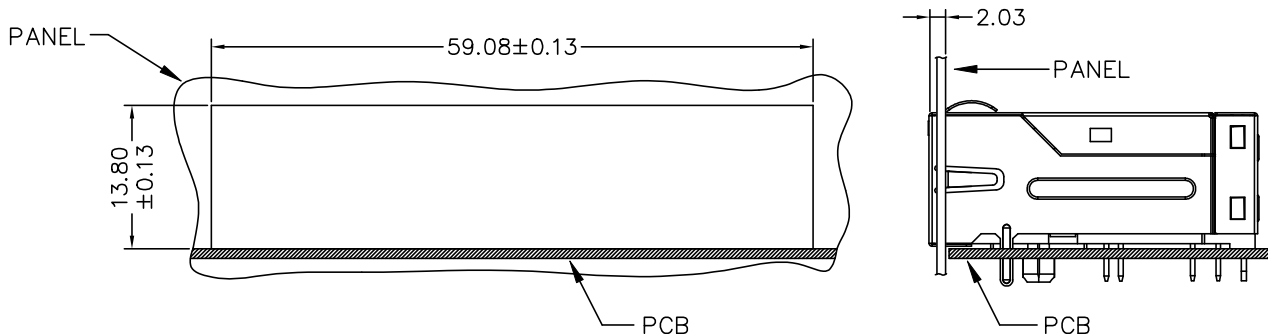
**HR931474CE**

**Pin Assignments:**



(Component Side View)

**Suggested Panel Cutout:**



**Operating and Storage Temperature:**

Operating Temperature Range: -40°C ~ +85°C  
Storage Temperature Range: -40°C ~ +85°C

Dimensions in mm

Unless otherwise specified, Tolerance: .xx ±0.25

REV.: 00

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Modular Connectors](#) / [Ethernet Connectors](#) category:*

*Click to view products by [HanRun](#) manufacturer:*

Other Similar products are found below :

[8949-H88/06BLKA/SN](#) [74441-0010/BKN](#) [PHP-6P6C-5](#) [GAX-3-66](#) [GDCX-PN-66](#) [GLX-A-44](#) [GLX-N-1010M-BLK](#) [GLX-S-88M-BLK](#)  
[GMX-SMT4-N-88](#) [GSGX-N-2-88](#) [GSGX-N-4-88](#) [GSX-NS2-88-3.05](#) [GSX-NS-88-3.68](#) [PT-108A-8C-UL](#) [PTS-J531-8CS-50UL](#) [A-2014-0-4](#)  
[GWLX-S9-88-YG](#) [DC-1021-8-WH-6](#) [1300530003](#) [1324640-4](#) [132764-001](#) [1413235](#) [MPS88RX-5000](#) [E5288-S000K3-L](#) [155302-001](#)  
[AX101050](#) [AX101063](#) [AX101065](#) [AX101072](#) [AX101307](#) [AX101315](#) [AX101318](#) [AX102271](#) [AX102277](#) [AX102651](#) [AX102660](#) [AX104024](#)  
[203475](#) [PC4D0018P](#) [KIT38082NI](#) [8949-B88/6](#) [2-6609208-5](#) [30-8956](#) [30-8964-100](#) [SM85](#) [SM99S01VBNN04G7](#) [17-103540](#) [191587](#) [PDI-68-RV](#) [PHP-8P8C-S-5](#)