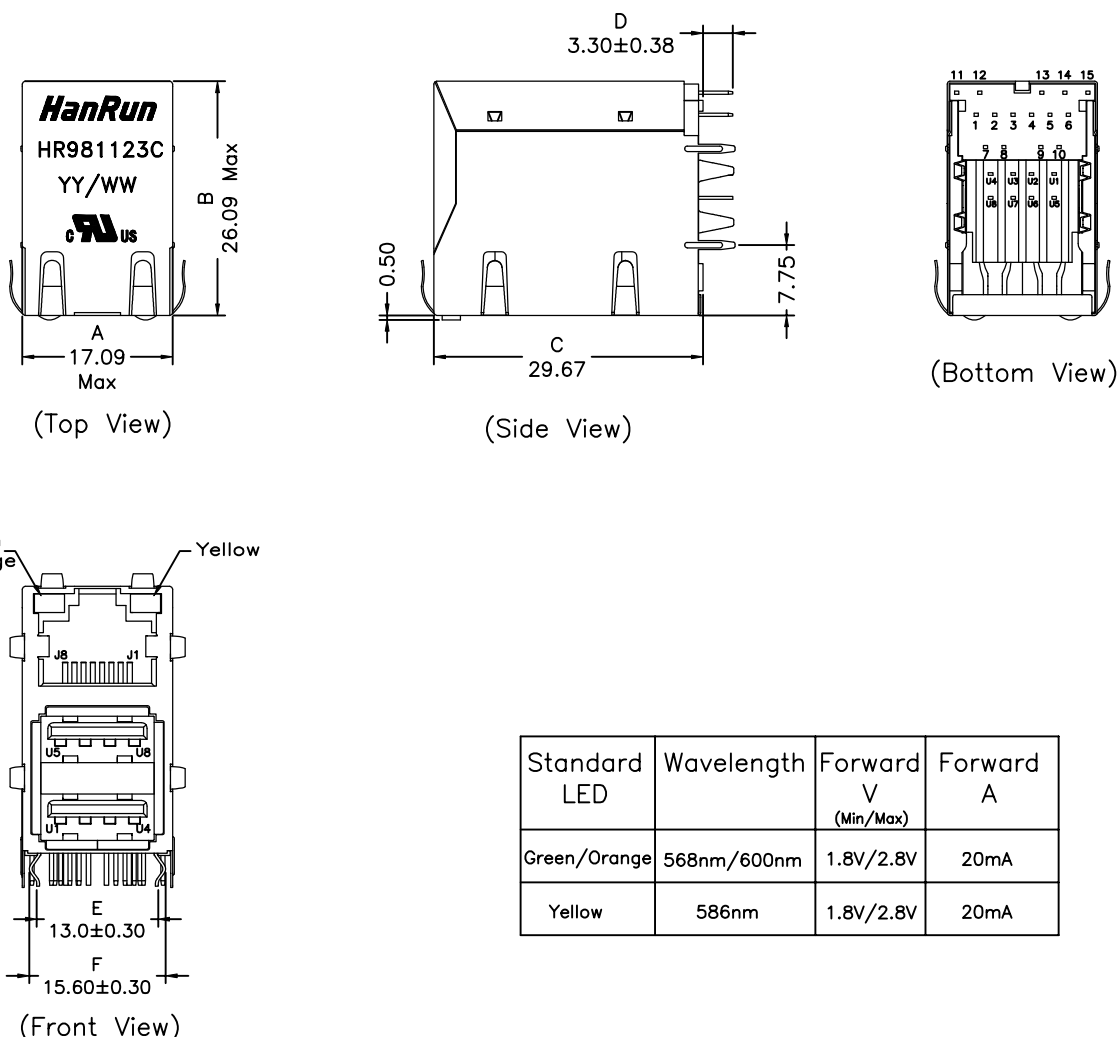


HR981123C

- RoHS Compliant (PB Free)
- Designed for Network Interface Card Application
- Meets or Exceeds IEEE802.3ab 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 place on PCB, Higher reliability and yields
- UL Recognized Component: File # E330599

Mechanical Dimensions:



Dimensions in mm

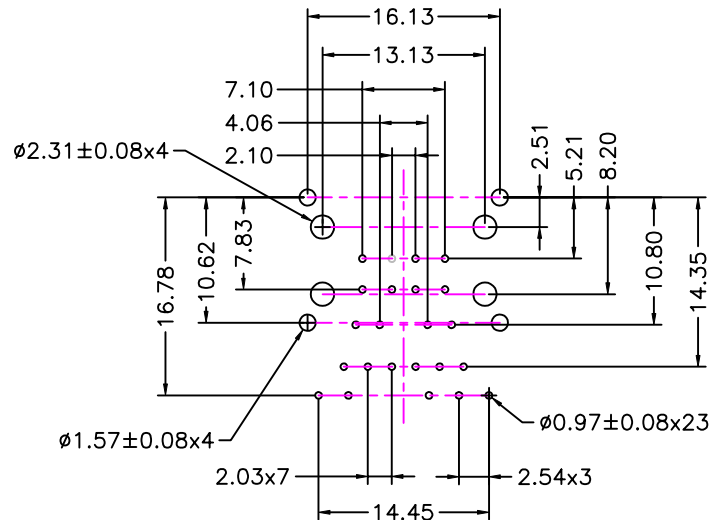
Unless otherwise specified, Tolerance: .xx ±0.25

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HR981123C

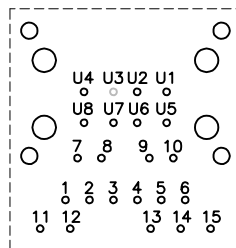
PCB Layout:



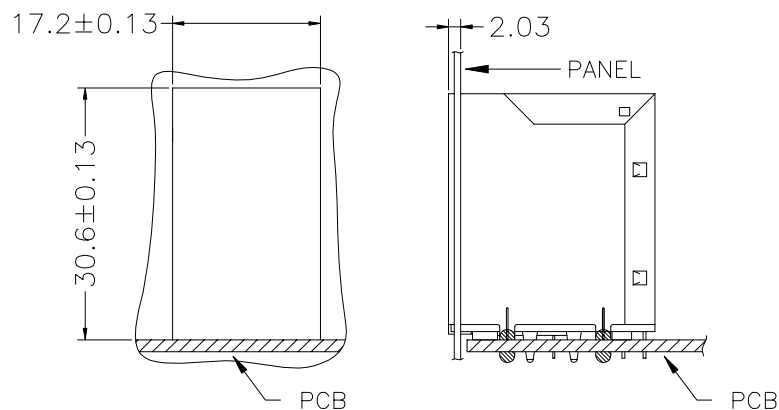
Recommended PCB layout (Component Side View)

All dimension tolerance are ± 0.08 unless otherwise specified

Pin Assignments:



Suggested Panel Cutout:



Dimensions in mm

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

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Zhongshan City, Guangdong Province, China

Tel: (0760)22126805 22132332 Fax: (0760)22132339 Post code: 528416

E-Mail: sales@hanrun.com <http://www.hanrun.com>

Specifications subject to change without notice . Refer to the approval sheet for lastly edition.

HR981123C

Material Specification:

Housing: PBT+30%GF Black per UL 94V-0
Shield: 50 micro-inch Nickel over 0.01 inch copper alloy
RJ Insert: PA66 GF Black UL94V-0
 Contact: Phosphor Bronze, base material
 Plating Area, 30u" gold over, 50u" nickel
 Solder Area, 100u" tin over, 50u" nickel
Light Pipe: PC UL 94V-0
USB Shield: 100u" Nickel over 0.30mm Thickness Brass
USB Insert: Brass 0.25mm Thickness
 Plating Area, 1u" gold over, 50u" nickel
 Solder Area, 100u" tin over, 50u" nickel

Mechanical Performance:

RJ Mating force: 5 lbs Maximum
RJ Unmating force: 5 lbs Maximum
RJ Plug to Jack Retention force: 20 lbs Minimum
RJ Operating life: 750 Cycles Minimum
USB Mating force: 7.868 lbs Maximum
USB Unmating force: 2.248 lbs Minimum
USB Operating life: 1500 Cycles Minimum

Operating and Storage Temperature:

Operating Temperature Range: 0°C ~ +70°C
Storage Temperature Range: -40°C ~ +85°C