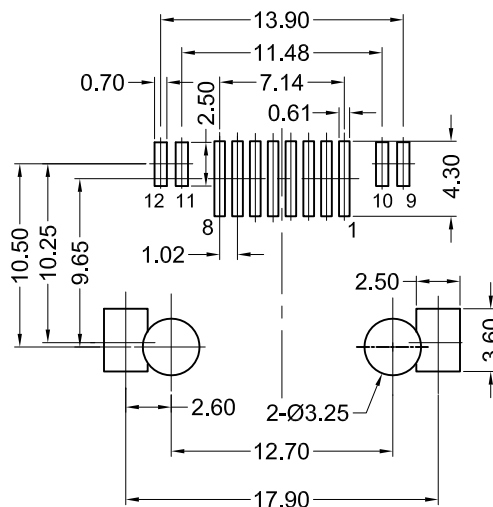
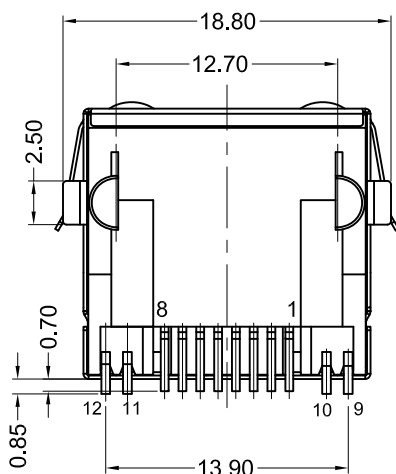
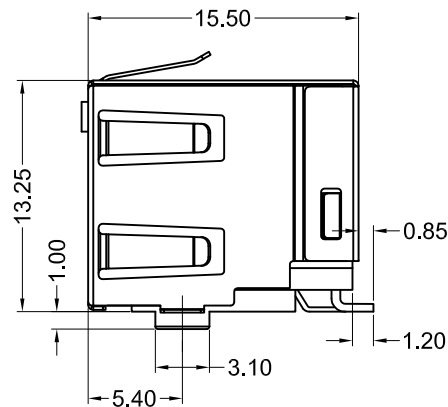
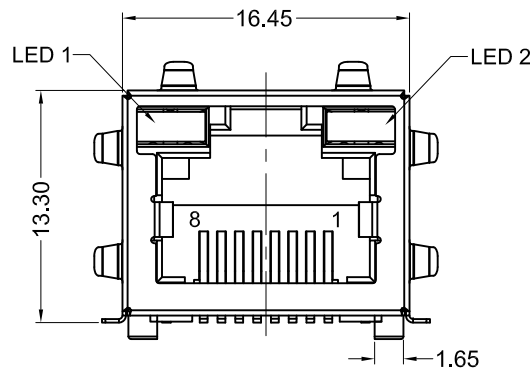




Recommended PCB Layout  
(Top View)

## Materials and Finish

Housing Material: High Temp. Material  
UL 94V-0 Rated,  
Color: Black

Shield: Copper Alloy, Nickel Plated

Contact Material:  
Phosphor Bronze

Plating Options:

Standard: Nickel Underplating,  
Gold Flash Plating on Contact Area,  
Gold Flash on Solder Area

50 Option: Nickel Underplating,  
Contact Area Plated with 50u" Gold  
to Comply with ANSI/TIA-1096-A,  
Gold Flash on Solder Area

## Electrical Characteristics

Rated Current: 1.5A

Rated Voltage: 125V DC

Insulation Resistance:  
500 Megohms Min.

Contact Resistance:  
30 milliohms Max.

Dielectric Withstanding Voltage:  
1000V AC for 1 Minute

## Mechanical Characteristics

Durability Rating:

750 Mating Cycles Min.

Operating Temperature:  
-40°C to +85°C

## LED Characteristics

Forward DC Current: 20mA

Forward Voltage: 1.8V Typical

### Ordering Information:

GWLEX-SMT-S988x/x-x

Series  
Mounting  
Shield  
8P8C  
LED 1  
LED 2

Plating Option:  
Blank - Gold Flash  
50 - 50u" Gold

Available LED Colors:  
- G/G - G/Y - Y/Y  
- G/R - Y/G  
- GR/GR - YG/YG

For Other LED Color Options  
Please contact Kycon

### LED Schematics

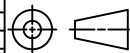
|       | Pin# | Single Color<br>(G, R, or Y) | Pin# | Pin# | Bi-Color<br>(GR) | Pin# | Pin# | Bi-Color<br>(YG) | Pin# |
|-------|------|------------------------------|------|------|------------------|------|------|------------------|------|
| LED 1 | 12   | +                            | 11   | -    | Green            | 12   | 11   | Yellow           | 12   |
|       |      |                              |      |      | Red              |      |      | Green            |      |
| LED 2 | 10   | +                            | 9    | -    | Green            | 10   | 9    | Yellow           | 10   |
|       |      |                              |      |      | Red              |      |      | Green            |      |

### Tolerances

X.X ± 0.25  
X.XX ± 0.15  
Unless Stated  
Otherwise

RoHS COMPLIANT

| REV. | DATE     | DESCRIPTION     | REV. BY    | CHK. BY     | DRAWN BY | DATE     |
|------|----------|-----------------|------------|-------------|----------|----------|
| A0   | 03/22/18 | New Drawing     | H. MA      | C. Furumasu | H. MA    | 02/08/18 |
| A1   | 05/31/18 | Release Drawing | G. Serrato | D. Shehan   |          |          |
|      |          |                 |            |             |          |          |
|      |          |                 |            |             |          |          |
|      |          |                 |            |             |          |          |
|      |          |                 |            |             |          |          |
|      |          |                 |            |             |          |          |



UNITS  
mm

GWLEX-SMT-S988x/x

SMT, Modular Jack, RoHS Compliant

Shielded, Grounding Tabs, With LED(s)

