



Recommended PCB Layout  
(Top View)

Ordering Information:

GWLEX-S9-88-x/x-xx

- Series
- 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

For Other LED Color Options  
Please contact Kycon

LED Schematic	
LED 1	12 $\begin{matrix} + \\ \text{---} \end{matrix}$ $\begin{matrix} \text{---} \\ - \end{matrix}$ 11
LED 2	10 $\begin{matrix} + \\ \text{---} \end{matrix}$ $\begin{matrix} \text{---} \\ - \end{matrix}$ 9

**Materials and Finish**

- Housing Material: PBT  
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

**RoHS COMPLIANT**

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

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

**GWLEX-S9-88-x/x**

Right Angle Modular Jack, RoHS Compliant

Shielded, Grounding Tabs, With LED(s)

