



Recommended PCB Layout  
(top view)

**Materials and Finish**

Housing Material:  
nylon 46 thermoplastic,  
UL 94V-0 rated,  
Color: Black

Contact Material:  
phosphor bronze

Contact Plating:  
Standard: 0.0001" nickel  
underplating, selectively plated  
0.000015" gold on contact  
area, tin-lead on soldertails

Shield: 0.25 thick copper alloy,  
tin-lead plated

**Electrical Characteristics**

Insulation Resistance:  
500 Megohms min.

Voltage Rating:  
150V AC

Contact Resistance:  
20 milliohms max.

Current Rating:  
1.5 amps

**LED Characteristics**

Forward DC Current: 20mA

Forward Voltage: 1.8V typical

Reverse Voltage: 5V min.

Power Dissipation:  
Green LED: 24mW  
Yellow LED: 36mW

Tolerances

X.X ± 0.30  
X.XX ± 0.20  
Unless Stated  
Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/20/02	New Drawing	C. Leiva	C. Leiva	C. Leiva	9/20/02
A1	10/01/02	Release Drawing	H. MA	C. Leiva	C. Leiva	
A2	6/20/03	ECO #03-027	C. Leiva	T. Gokcek		

**GWL-S9-88-G/Y**

UNITS  
mm

Right Angle Thru-Hole Modular Jack w/ LEDs  
fully shielded w/ grounding tabs, green (l) & yellow (r) LEDs

