

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**

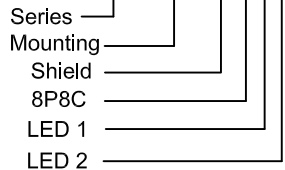
Durability Rating:  
750 Mating Cycles Min.  
Operating Temperature:  
-40°C to +85°C

**LED Characteristics**

Forward DC Current: 20mA  
Forward Voltage: 1.8V Typical

Ordering Information:

GWLEX-SMT-S988x/x-x



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



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. Furumasu	H. MA	02/08/18
A1	05/31/18	Release Drawing	G. Serrato	D. Shehan		

GWLEX-SMT-S988x/x

SMT, Modular Jack, RoHS Compliant  
Shielded, Grounding Tabs, With LED(s)



# Mouser Electronics

Authorized Distributor

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[GWLEX-SMT-S988G/Y](#)