

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

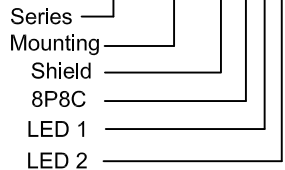
Durability Rating:
750 Mating Cycles Min.
Operating Temperature:
-40°C to +85°C

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	12
LED 2	10	+	9	-	Green Red	10	9	Yellow Green	10



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)



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