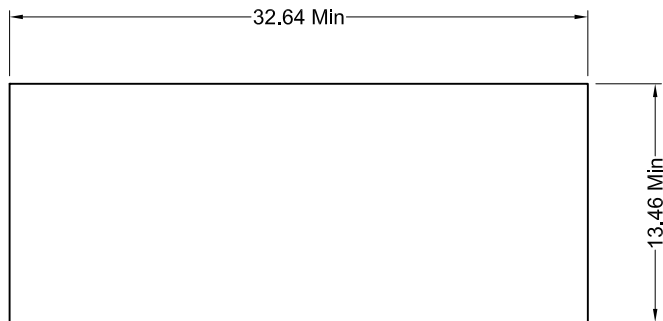


Recommended PCB Layout (top view)



Recommended Panel Cutout

**Materials and Finish**

Housing Material:  
thermoplastic,  
UL 94V-0 rated,  
Color: black

Contact Material:  
phosphor bronze

Contact Plating Options:  
Standard: 0.0001" nickel  
underplating, selectively plated  
Gold Flash on contact  
area, tin on soldertails  
50 Option: 0.0001" nickel  
underplating, selectively plated  
0.000050" gold on contact  
area, tin on soldertails

Shield: Nickel plated

**Electrical Characteristics**

Insulation Resistance:  
500 Megohms min.

Voltage Rating: 150V AC

Contact Resistance:  
20 milliohms max.

Current Rating:  
1.5 amps

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

Durability Rating:  
500 mating cycles min.

**Electrical Performance**

Category 5 100MHz Bandwidth Performance  
Performance meets near end crosstalk (NEXT)  
Requirements of -40dB @ 100MHz per  
EIA/TIA 568A in applications where UL  
Approved Category 5 cable (GA27-3773-1) is used  
Shielded types offer 20dB shielding from 30MHz to 300MHz

Part Number	Contact Area Plating Finish
GWGX-S1-2-88	Gold Flash (Standard)
GWGX-S1-2-88 -50	50u" Gold (50 Option)

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A3	3/4/08	ECO#08-030	R. Aguirre	H. MA	H. MA	9/6/05
A4	04/26/10	ECO #10-021	S. Vien	H. MA		
A5	12/10/12	ECO #12-062	S. Vien	P. DalCanto		
A6	10/27/14	Add Panel cutout	H. MA	C. Furumasu	UNITS	mm
A7	07/24/15	ECO#15-001	H. MA	C. Furumasu		
A8	06/15/17	ECO#17-014	H. MA	C. Furumasu		

**GWGX-S1-2-88-xx**

Right Angle Thru-Hole Ganged Modular Jack

2 Port, Fully Shielded w/ Grounding Tabs, RoHS Compliant

