



Recommended PCB Layout (Top View)

Recommended Panel Cutout

**Material and Finish**

Body: PBT, glass filled  
UL94V-0 rated  
color: black

Shield: 0.25mm thick  
copper alloy,  
nickel plated  
90 microinch

Contact: phosphor bronze,  
nickel underplate on entire  
contact, tin on  
termination end

Gold Plating Options on  
Contact Area:  
Standard: gold flash

50 option: 50u" gold  
to comply with FCC  
requirements under #47  
C.F.R. Part 68,  
Subpart F

**Electrical Characteristics**

Current Rating: 1.5A

Voltage Rating: 125V DC

Insulation Resistance:  
500 Megohms min.

Dielectric Withstanding Voltage:  
1000 Volts RMS,  
for 1 minute

Contact Resistance:  
20 milliohms max.

Durability Rating:  
750 mating cycles min.

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

**Ordering Information**

Part Number	Contact Area Plating Finish
GSX-NS2-88-3.68	Gold Flash (standard)
GSX-NS2-88-3.68-50	50u" Gold (50 option)



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	12/07/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	12/07/05
A2	05/13/10	ECO #10-025	S. Vjen	H. MA		
A3	07/14/10	ECO #10-048	S. Vjen	H. MA		

**GSX-NS2-88-3.68**

Fully Shielded Right Angle Thru-Hole Modular Jack, RoHS Compliant

8 pos. 18 contact, top grounding spring tabs, 3.68mm spaced grounding solderpins

