



Recommended PCB Layout

Materials and Finish

Housing Material: High Temperature Thermoplastic, UL 94V-0 Rated, Color: Black

Contact Material: Phosphor Bronze

Plating Options:

Standard: Nickel Underplating, Gold Flash Plated on Contact Area, Gold Flash Plated on Solder Area

50 Option: Nickel Underplating, Contact Area Plated with 50u" Gold to Comply with ANSI/TIA-1096-A, Gold Flash Plated on Solder Area

Electrical Characteristics

Rated Current: 1.5A
Rated Voltage: 125V DC

Insulation Resistance: 500 Megohms Min.

Contact Resistance: 20 milliohms Max.

Dielectric Withstanding Voltage: 1000V rms, 60Hz

Part Number	Contact Area Plating Finish	Packaging
GWX-SMT-N-88	Gold Flash (standard)	Tray
GWX-SMT-N-88-50	50u" Gold (50 option)	Tray
GWX-SMT-N-88-TR	Gold Flash (standard)	Tape & Reel
GWX-SMT-N-88-50-TR	50u" Gold (50 option)	Tape & Reel



Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	09/01/10	New Drawing	S. Vien	H. MA	S. Vien	08/05/10
A2	01/12/11	ECO #11-004	S. Vien	H. MA		
A3	06/11/12	ECO #12-031	S. Vien	P. DalCanto		
A4	11/13/12	ECO #12-062	S. Vien	P. DalCanto	UNITS	mm
A5	08/01/17	Update Address	J. Elbanna	H. MA		

GWX-SMT-N-88

Modular Jack, RoHS Compliant

8P8C, SMT, Non-Shield

