



Recommended PCB Layout
(Top View)

Part Number	Contact Area Plating Finish	Packaging
GWX-SMT-S9-88	Gold Flash (standard)	Tray
GWX-SMT-S9-88-50	50u" Gold (50 option)	Tray
GWX-SMT-S9-88-TR	Gold Flash (standard)	Tape & Reel
GWX-SMT-S9-88-50-TR	50u" Gold (50 option)	Tape & Reel

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

Shield: Copper Alloy, Nickel Plated

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



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A6	08/12/10	ECO #10-055	S. Vien	H. MA	H MA	9/30/05
A7	01/12/11	ECO #11-004	S. Vien	H. MA		
A8	06/11/12	ECO #12-031	S. Vien	P. DalCanto	UNITS	
A9	11/13/12	ECO #12-062	S. Vien	P. DalCanto		
A10	08/01/17	Update Address	J. Elbanna	H. MA	mm	
A11	03/07/19	ECO #19-023	G. Serrato	D. Shehan		

GWX-SMT-S9-88

Modular Jack, SMT, RoHS Compliant

Fully Shielded, With Grounding Tabs

