



### Materials and Finish

Housing: PBT Thermoplastic  
UL 94V-0 Rated  
Color: Black

Shield: Copper Alloy, Nickel Plated

Contact Material:  
Phosphor Bronze

Plating Options:

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

50 Option: Nickel Underplating,  
Contact Area Plated with 50u" Gold  
to Comply with ANSI/TIA-1096-A  
Tin 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 AC for 1 Minute

### Mechanical Characteristics

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

### Ordering Information

Part Number	Contact Area Plating Finish
GSX-NS7-88-3.68	Gold Flash (Standard)
GSX-NS7-88-3.68-50	50u" Gold (50 Option)

### Tolerances

X.X ± 0.38  
X.XX ± 0.25  
Unless Stated  
Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	10/24/13	New Drawing	D. Gih	P. DalCanto	D. Gih	10/24/13
A2	12/11/13	ECO #13-090	D. Gih	H. MA		
A3	07/24/15	ECO #15-001	H. MA	C. Furumasu		

GSX-NS7-88-3.68

Modular Jack, Fully Shielded, RoHS Compliant

8P8C, Grounding Tabs Side & Top, 3.68mm Spaced

