



Recommended PCB Layout  
(Top View)

Part Number	Contact Area Plating Finish	Packaging
GTVX-SMT-N-88	Gold Flash (Standard)	Tray
GTVX-SMT-N-88-50	50u" Gold (50 Option)	
GTVX-SMT-N-88-TR	Gold Flash (Standard)	Tape and Reel (see tape and reel spec. for more info.)
GTVX-SMT-N-88-50TR	50u" Gold (50 Option)	

### 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 Plating on Contact Area, Gold Flash on Solder Area

50 Option: Nickel Underplating, Contact Area Plated with 50u" Gold to Comply with ANSI/TIA-1096-A, Gold Flash 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:  
500 Mating Cycles Min.  
Operating Temperature:  
-40°C to +85°C

Design meets UL 1863 Sec. 8  
Electrical Probe and Sec. 20  
Child Finger test requirements

Recommended Soldering Temperature:  
260°C for 10 seconds

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
B3	04/27/10	ECO #10-021	S. Vien	H. MA	R. Aguirre	9/19/05
B4	05/05/11	ECO #11-030	S. Vien	H. MA		
B5	12/10/12	ECO #12-062	S. Vien	P. DalCanto		
B6	02/22/13	ECO #13-004	S. Vien	P. DalCanto	UNITS	mm
B7	09/09/13	ECO #13-064	W. Cook	P. DalCanto		
B8	08/07/18	Update Address	D. Shehan	N/A		

**GTVX-SMT-N-88**

Modular Jack, 8P8C, RoHS Compliant

Top Entry, No Pegs, SMT

