



Recommended PCB Layout  
(Top View)

**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

| Part Number         | Contact Area Plating  | Packaging               |
|---------------------|-----------------------|-------------------------|
| GTVX-SMT2-N-64      | Gold Flash (Standard) | Bulk                    |
| GTVX-SMT2-N-64-50   | 50u" Gold (50 Option) |                         |
| GTVX-SMT2-N-64-TR   | Gold Flash (Standard) | Tape & Reel (TR Option) |
| GTVX-SMT2-N-64-50TR | 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   | 01/21/11 | New Drawing    | S. Vien   | H. MA       | S. Vien  | 01/20/11 |
| A2   | 12/10/12 | ECO #12-062    | S. Vien   | P. DalCanto |          |          |
| A3   | 02/22/13 | ECO #13-004    | S. Vien   | P. DalCanto |          |          |
| A4   | 09/09/13 | ECO #13-064    | W. Cook   | P. DalCanto |          |          |
| A5   | 08/06/18 | Update Address | D. Shehan | N/A         |          |          |

**GTVX-SMT2-N-64**

Modular Jack, SMT, 6P4C  
Top Entry, No Pegs, RoHS Compliant

