



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 Finish | Packaging |
|---------------------|-----------------------------|-------------|
| GTVX-SMT-N-64 | Gold Flash (Standard) | Tray |
| GTVX-SMT-N-64-50 | 50u" Gold (50 Option) | Tray |
| GTVX-SMT-N-64-TR | Gold Flash (Standard) | Tape & Reel |
| GTVX-SMT-N-64-50-TR | 50u" Gold (50 Option) | Tape & Reel |

RoHS COMPLIANT



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

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|----------------|----------|-------------|--------------|--------|
| A2 | 06/02/09 | ECO #09-036 | S. Vien | H. MA | A. Frederick | 5/7/07 |
| A3 | 04/27/10 | ECO #10-021 | S. Vien | H. MA | | |
| A4 | 12/10/12 | ECO #12-062 | S. Vien | P. DalCanto | | |
| A5 | 02/22/13 | ECO #13-004 | S. Vien | P. DalCanto | | |
| A6 | 09/10/13 | ECO #13-064 | W. Cook | P. DalCanto | | |
| A7 | 08/07/18 | Update Address | D.Shehan | N/A | | |

GTVX-SMT-N-64

Modular Jack, 6P4C, w/ Pegs

Top Entry, SMT, RoHS Compliant

