



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-66	Gold Flash (Standard)	Tray
GTVX-SMT-N-66-50	50u" Gold (50 Option)	Tray
GTVX-SMT-N-66-TR	Gold Flash (Standard)	Tape & Reel
GTVX-SMT-N-66-50-TR	50u" Gold (50 Option)	Tape & Reel

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	H. MA	3/2/05
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		UNITS
A6	09/09/13	ECO #13-064	W. Cook	P. DalCanto		
A7	08/07/18	Update Address	D.Shehan	N/A		

GTVX-SMT-N-66

Modular Jack, 6P6C, w/ Pegs
Top Entry, SMT, RoHS Compliant

