



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-44	Gold Flash (standard)	Tray
GTVX-SMT-N-44-50	50u" Gold (50 option)	Tray
GTVX-SMT-N-44-TR	Gold Flash (standard)	Tape & Reel
GTVX-SMT-N-44-50-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
A1	8/31/07	ECO #07-039	A. Frederick	H. MA	H. MA	3/2/05
A2	06/02/09	ECO #09-036	S. Vien	H. MA		
A3	04/27/10	ECO #10-021	S. Vien	H. MA		
A4	02/22/13	ECO #13-004	S. Vien	H. MA		
A5	09/09/13	ECO #13-064	W. Cook	P. DalCanto		
A6	08/07/18	Update Address	D. Shehan	N/A		

GTVX-SMT-N-44

Modular Jack, 4P4C, w/ Pegs

Top Entry, SMT, RoHS Compliant

