



Recommended PCB Layout
(Top View)

Materials and Finish

Housing Material: High Temperature Thermoplastic, UL 94V-0 Rated, Color: Black

Shield: Brass, Nickel Plated

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

Part Number	Contact Area Plating Finish
GTVX-SMT-S-1010	Gold flash (standard)
GTVX-SMT-S-1010-50	50u" Gold (50 option)



Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	02/24/17	New Drawing	G. Serrato	W. Cook	G. Serrato	02/24/17
A1	02/27/17	Release Drawing	G. Serrato	W. Cook		

GTVX-SMT-S-1010

Modjack, 10P10C, RoHS Compliant

Top Entry, SMT, Shielded

