



Recommended PCB Layout

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

Part Number	Contact Area Plating
GTVX-SMT-S-88	Gold Flash (Standard)
GTVX-SMT-S-88-50	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	07/21/16	New Drawing	H. MA	W. Cook	H. MA	07/21/16
A1	02/24/17	Release Drawing	G. Serrato	W. Cook		

GTVX-SMT-S-88

Modjack, 8P8C, RoHS Compliant

Top Entry, SMT, Shielded

