

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

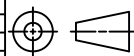


REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	02/24/17	New Drawing	G. Serrato	W. Cook	G. Serrato	02/24/17
A1	02/27/17	Release Drawing	G. Serrato	W. Cook		

GTVX-SMT-S-1010

Modjack, 10P10C, RoHS Compliant

Top Entry, SMT, Shielded



UNITS
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