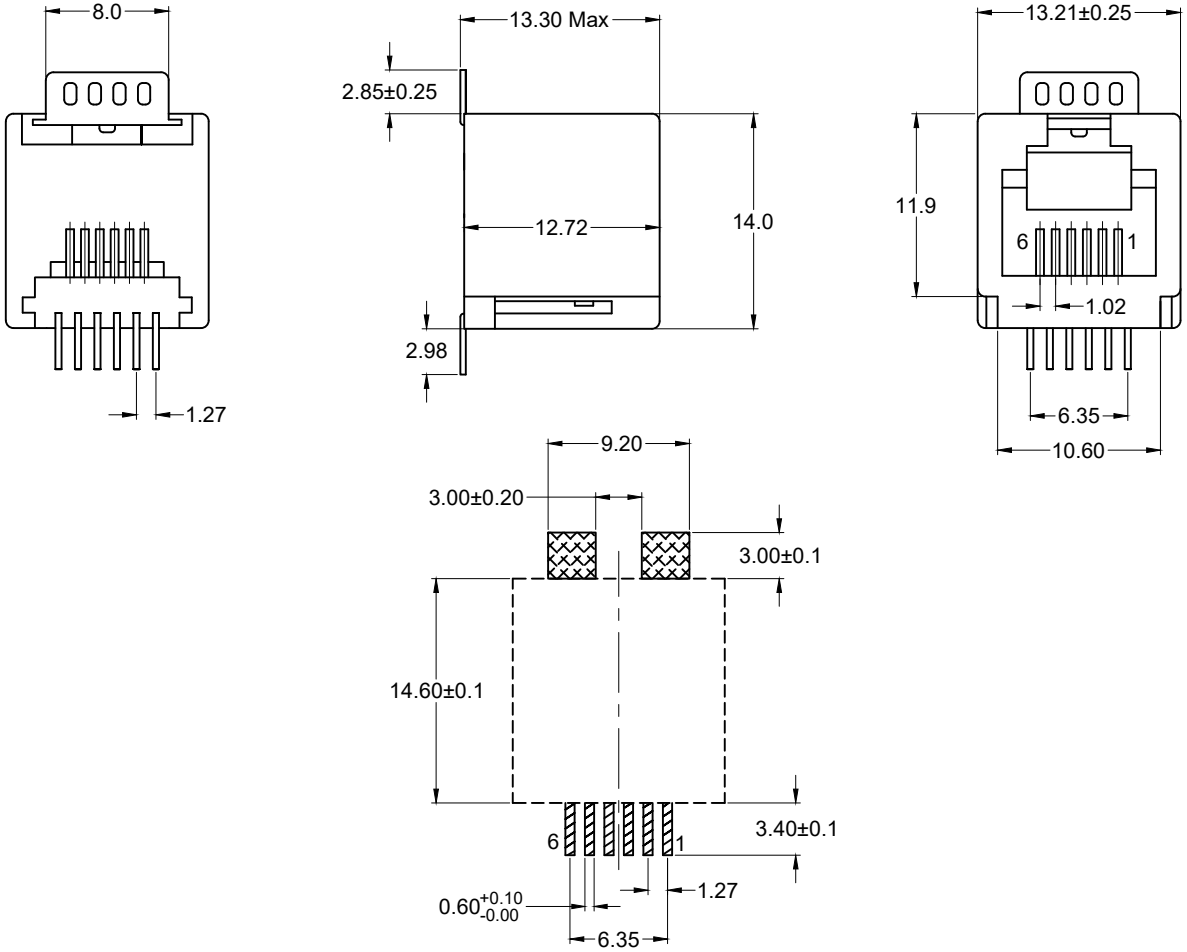
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330




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

RoHS COMPLIANT
EU Directive 2002/95/EC

C US
LR78160

| Tolerances |
|---|
| X.X ± 0.25 |
| X.XX ± 0.15 |
| Unless Stated Otherwise |

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY |
|---|---|---|---|---|
| A6 | 01/21/11 | ECO #10-103 | S. Vien | H. MA |
| A7 | 12/10/12 | ECO #12-062 | S. Vien | P. DalCanto |
| A8 | 02/22/13 | ECO #13-004 | S. Vien | P. DalCanto |
| A9 | 09/09/13 | ECO #13-064 | W. Cook | P. DalCanto |
| A10 | 08/06/18 | Update Address | D. Shehan | N/A |
| A11 | 09/18/26 | New P/N ECO #26-027 | K.Wang | C.Kelleher |

| DRAWN BY | DATE |
|---|---|
| R. Aguirre | 9/27/05 |
| | UNITS |
| | mm |

# GTVX-SMT-N-66

Modular Jack, SMT, RoHS Compliant

6P6C, Top Entry, No Pegs

KYCON