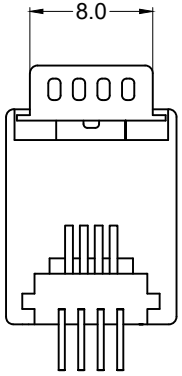
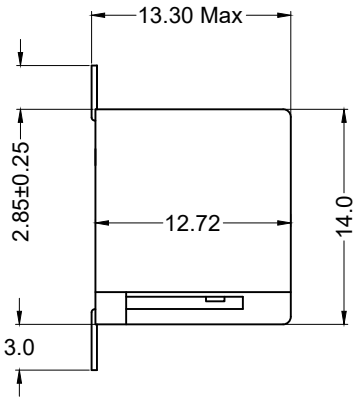
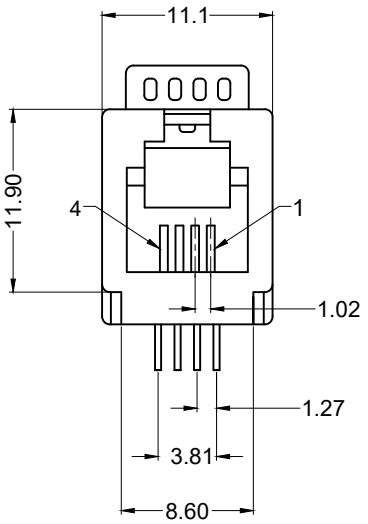
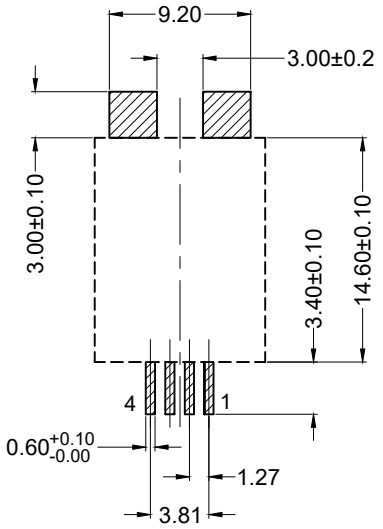
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330









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-44	Gold Flash (Standard)	Bulk
GTVX-SMT-N-44-50	50u" Gold (50 Option)	
GTVX-SMT-N-44-TR	Gold Flash (Standard)	Tape & Reel (TR Option)
GTVX-SMT-N-44-50TR	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	DRAWN BY	DATE
A6	01/21/11	ECO #10-103	S. Vien	H. MA	R. Aguirre	9/12/05
A7	12/10/12	ECO #12-062	S. Vien	P. DalCanto		
A8	02/22/13	ECO #13-004	S. Vien	P. DalCanto		UNITS
A9	09/09/13	ECO #13-064	W. Cook	P. DalCanto		mm
A10	08/06/18	Update Address	D. Shehan	N/A		
A11	09/18/26	New P/N ECO #26-027	K.Wang	C. Kelleher		

GTVX-SMT-N-44

Modular Jack, SMT, RoHS Compliant

4P4C, Top Entry, No Pegs

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