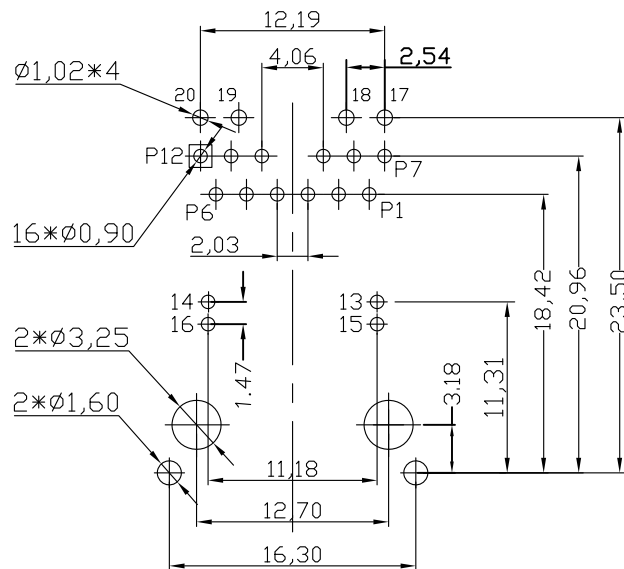
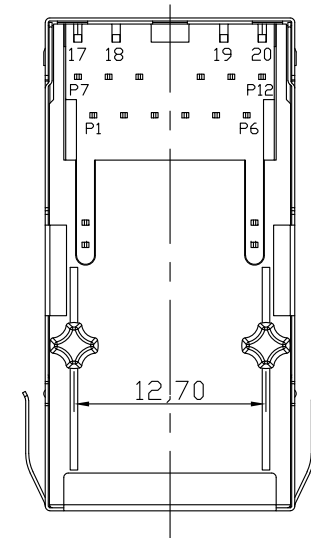
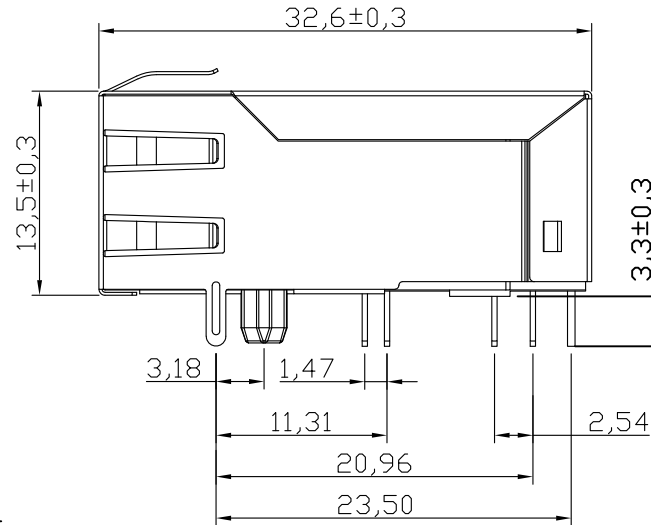
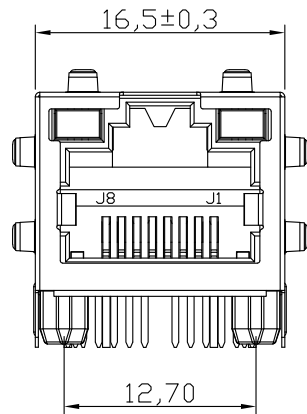


RoHS compliant

MECHANICAL:

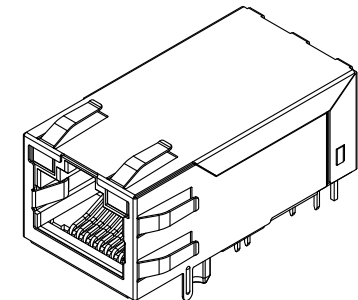


RECOMMENDED P.C.B LAYOUT(PCB THICKNESS: 1.6mm)

COMPONENT SIDE VIEW(TOLERANCE: ±0.05)

Connect Material:

- 1.Housing: Thermoplastic,PBT,UL94V-0,Color:Black;
- 2.Insert: Thermoplastic,PBT,UL 94V-0,Color:Black;
- 3.Shield: Brass T=0.2mm,30u" Min Nickel Overall Plated;
- 4.Input Terminal: Brass T=0.35mm
- 5.Input And RJ45 Contact Terminal Plating:
50u" Min Ni UnderPlated Overall,80u" Min Tin On Solder Area;
- 6.RJ45 Contacts Terminal: Phosphor Bronze T=0.35mm
Selective 6u" Gold Plated On Contact Area;



					GENERAL TOLERANCE		DRAWN	Gene Li	2019/07/12	UNIT	MM	X-SHUN 东莞市祥舜电子科技有限公司 DONGGUAN X-SHUN ELECTRONICTECHNOLOGY CO., LTD TEL:+86 769 81885389 FAX:+86 769 81887859 E-Mail:sales@x-shun.com Http:www.x-shun.com		
					.X ±0.35	X.° ±2°	CHECKE	YLT		SCALE	1:1			
					.XX ±0.25	.X° ±1°								
A0		NEW DESIGN	2019/07/12		.XXX ±0.15	.XX° ±0.5°	APPROVE			SHEET	1/2	PART NO.	20412L-111H-G404	
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT 		DRAWING NO				REV	A0	TITLE	RJ45-1000BASE POE+ 1X1 TAB-UP W/LED W/SHIELD

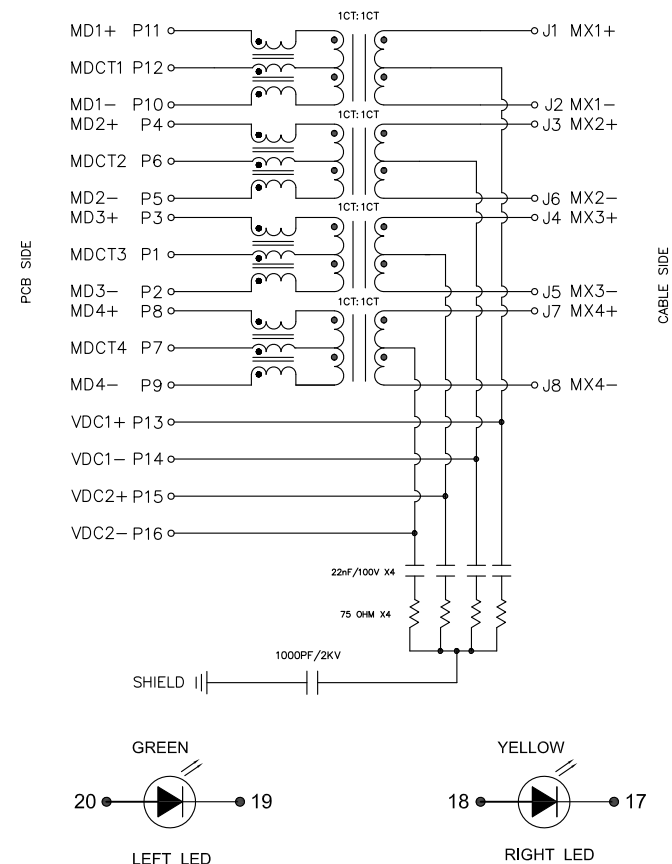
RoHS compliant

ELECTRICAL SPECIFICATIONS@25°C UNLESS OTHERWISE NOTED:

- 1.Turn Ratio(+/-5%): 1CT:1CT
- 2.Inductance OCL: 350uH Min @100KHz/0.1V/ 8mA DC Bias
- 3.Insertion Loss:
 - 1.0dB Max @1-100MHz
- 4.Return Loss:
 - 18dB Min @1-40MHz
 - 15dB Min @40-60MHz
 - 12dB Min @60-80MHz
 - 10dB Min @80-100MHz
- 5.Cross talk:
 - 30dB Min @1-100MHz
- 6.Common Mode Rejection:
 - 30dB Min @1-100MHz
- 7.Hipot Test: Primary to Secondary
 - 2250VDC 6S 1mA MAX
- 8.Operating Temperature Range:0~+70°C
- 9.Storage Temperature Range:-40~+85°C
- 10.DC Current/Voltage Rating: 600mA Max @ 57VDC (Continuous)
- 11.LED Specification:

Emitting Color	λ_d (nm)	$V_f@I_f=20mA$	$I_r@V_r=5V$
GREEN	570nm	1.8-2.4V	10uA Max
YELLOW	590nm	1.8-2.4V	10uA Max

SCHEMATICS



					GENERAL TOLERANCE		DRAWN	Gene Li	2019/07/12	UNIT	MM	X-SHUN 东莞市祥舜电子科技有限公司 DONGGUAN X-SHUN ELECTRONICTECHNOLOGY CO., LTD TEL:+86 769 81885389 FAX:+86 769 81887859 E-Mail:sales@x-shun.com Http:www.x-shun.com	
					.X	±0.35 X.° ± 2°	CHECKE	YLT		SCALE	1:1	PART NO.	20412L-111H-G404
					.XX	±0.25 .X° ± 1°							
A0		NEW DESIGN	2019/07/12		.XXX	±0.15 .XX° ± 0.5°	APPROVE			SHEET	2/2		
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT		DRAWING NO			REV	A0		