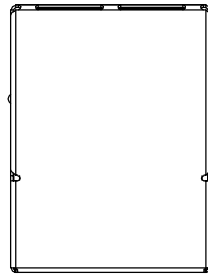
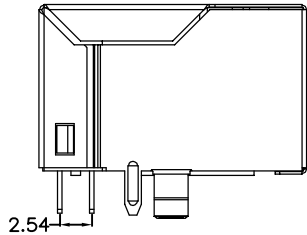


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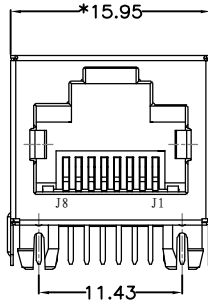
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2017.12.30



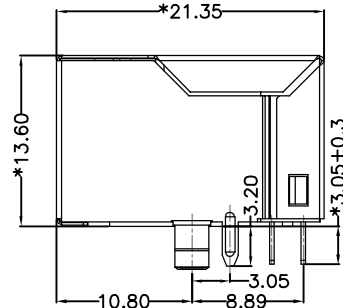
TOP VIEW



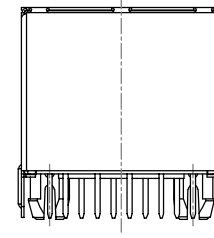
LEFT SIDE VIEW



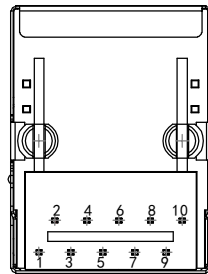
FRONT VIEW



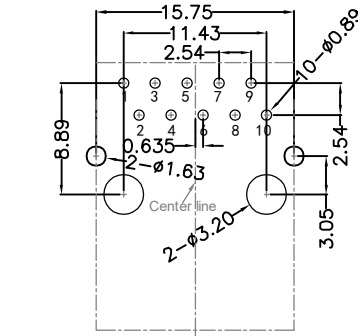
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING : PBT,UL94V-0,BLACK.
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
 TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
 6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

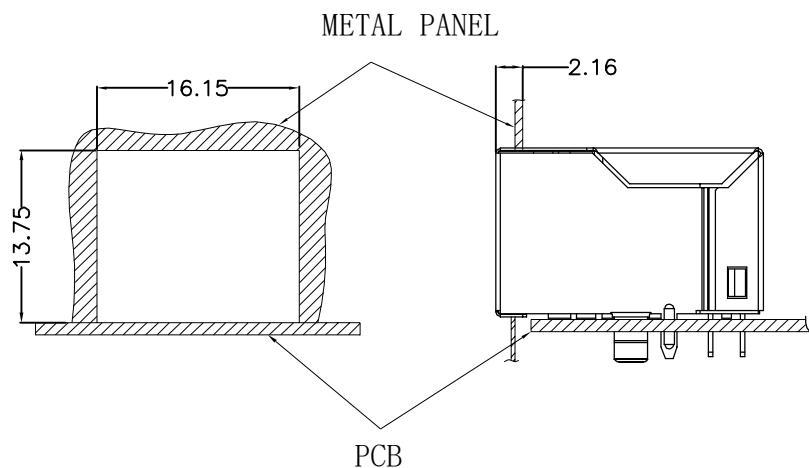
DURABILITY : 750 CYCLES MIN.
 MATING FORCE : 23N MAX.
 OPERATING TEMPERATURE: -40°C~+85°C.
 STORAGE TEMPERATURE: -40°C~+85°C.
 ALL CRITICAL DIMENSIONS WITH "*"

NINGBO KLS ELECTRONIC CO; LTD	TITLE: TAB-UP 1X1 1000BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
	PART NO.: L-KLS12-TL447-1x1-W/0-03	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.XU
	REMARK:	SHEET 1/4		.x±0.30	.x°±2.0°	DESIGND BY: ZG.Hu
				.xx±0.25	.xx°±1.5°	
				.xxx±0.10	.xxx°±1.0°	

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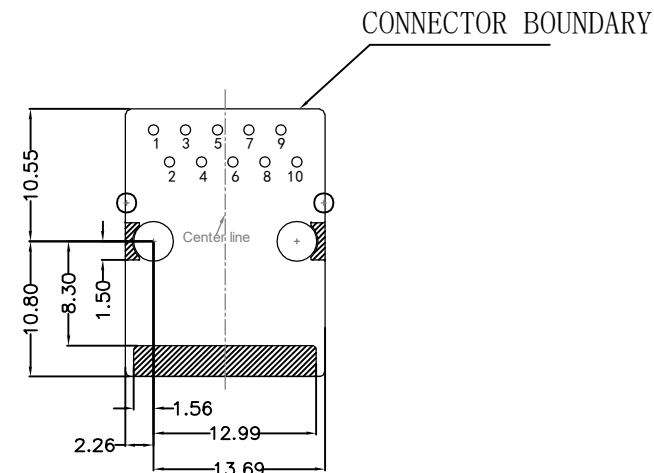
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2017.12.30

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):



UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004
REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW):



PLUG-IN SIDE

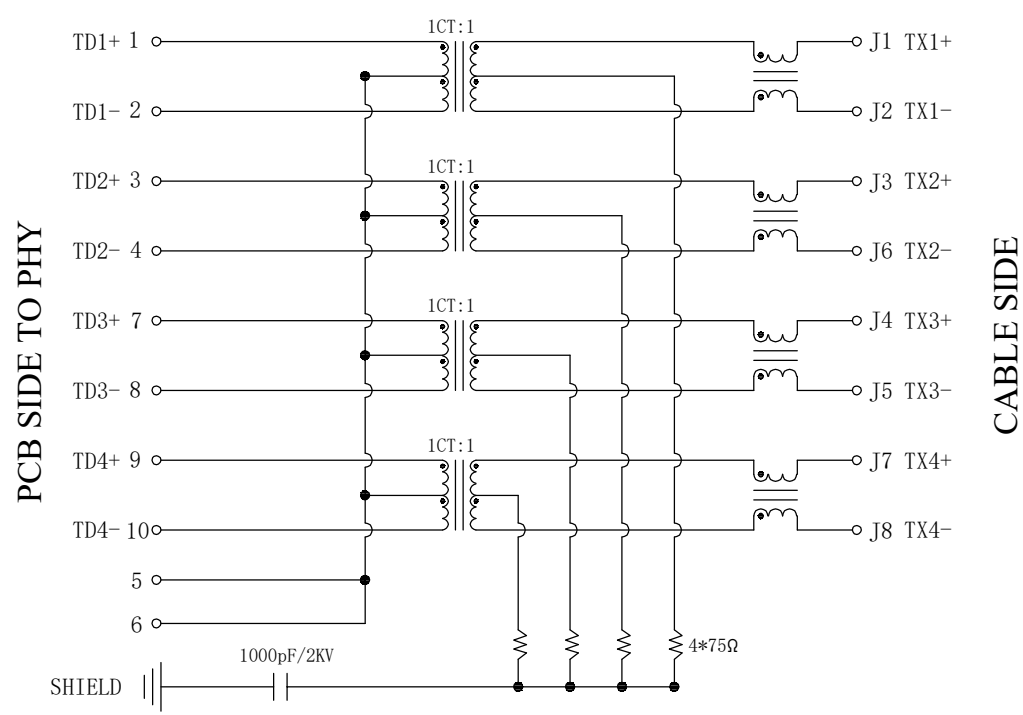
UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004

NINGBO KLS ELECTRONIC CO; LTD

TITLE:	SIZE	UNITS	GENERAL TOLERANCES		APPROVED BY:
TAB-UP 1X1 1000BASE	A4	MM[INCH]	UNLESS SPECIFIED		JP.Gong
PART NO.:	SACLE	REV	$x \pm 0.35$	$x^\circ \pm 3.0^\circ$	CHECKED BY:
L-KLS12-TL447-1x1-W/0-03	1:1	A0	$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$	TW.XU
REMARK:	SHEET		$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$	DESIGND BY:
	2/4		$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$	ZG.Hu

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REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2017.12.30



Electrical:

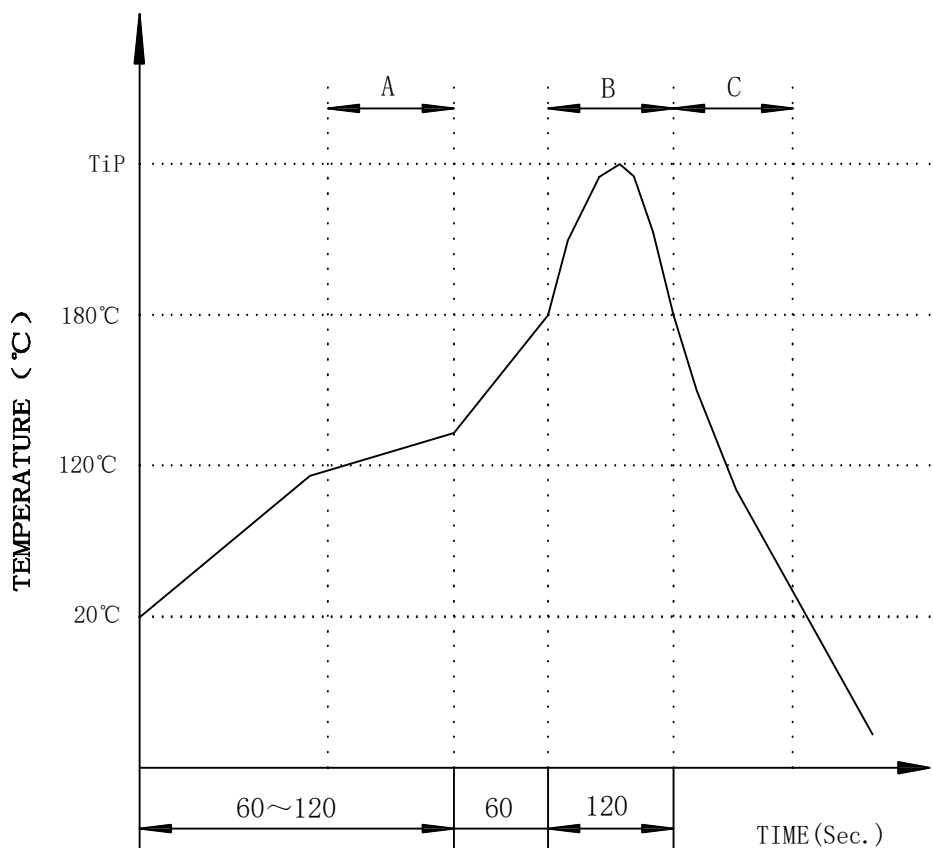
- Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
3~4: J3~J6=1CT:1CT(±2%).
7~8: J4~J5=1CT:1CT(±2%).
9~10: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 2250V DC 6S 1mA PRI TO SEC

NINGBO KLS ELECTRONIC CO; LTD	TITLE:	SIZE	UNITS	GENERAL TOLERANCES		APPROVED BY:
	TAB-UP 1X1 1000BASE	A4	MM[INCH]	UNLESS SPECIFIED		JP.Gong
	PART NO.:	SACLE	REV	x±0.35	x°±3.0°	CHECKED BY:
	L-KLS12-TL447-1x1-W/0-03	1:1	A0	.x±0.30	.x°±2.0°	TW.XU
REMARK:	SHEET		.xx±0.25	.xx°±1.5°	DESIGND BY:	
	3/4		.xxx±0.10	.xxx°±1.0°	ZG.Hu	

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PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2017.12.30



A.Preheating B.Soldering C.Gradual Cooling
 Tip temperature:260±5°C.
 Tip temperature time:5Sec Max.
 Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

NINGBO KLS ELECTRONIC CO; LTD	TITLE: TAB-UP 1X1 1000BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
	PART NO.: L-KLS12-TL447-1x1-W/0-03	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.XU
	REMARK:	SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu
				.xxx±0.10	.xxx°±1.0°	