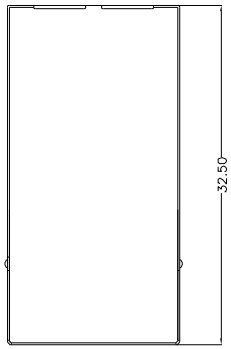
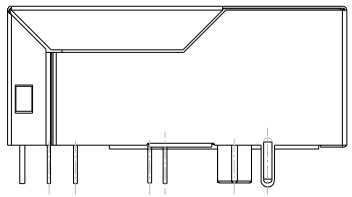
REACH & RoHS COMPLIANT

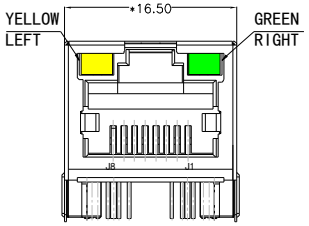
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.03.10



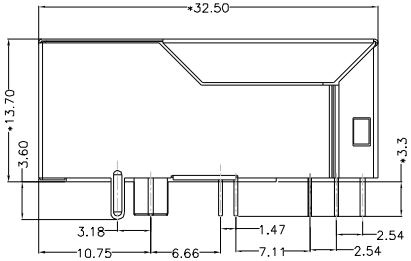
TOP VIEW



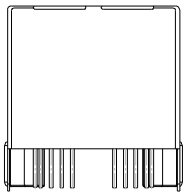
LEFT SIDE VIEW



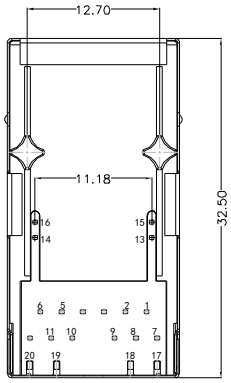
FRONT VIEW



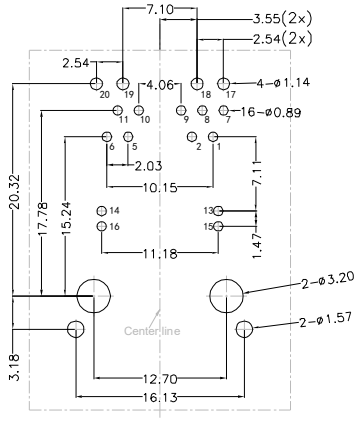
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD:BRASS,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE,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 "*"

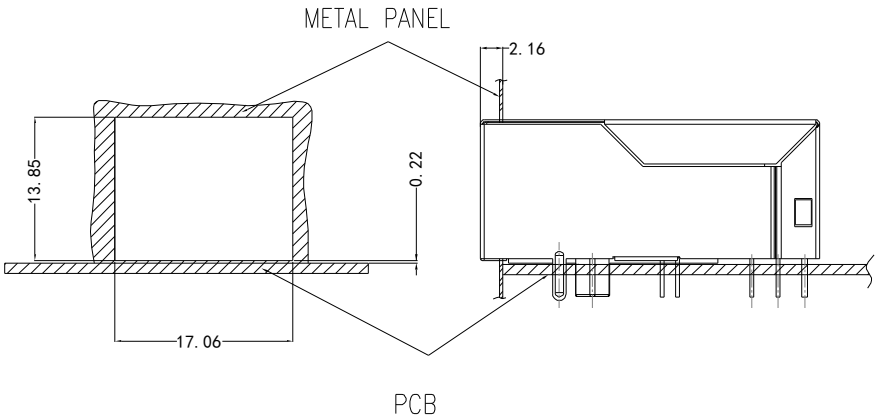
EDOM ELECTRONICS
TEL: +86 0755 27801940
Mob: +86 15889397634
www.techedom.com

TITLE: TAB-UP 100BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: ERJ411C152BA2A2D	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.Xu
			.x±0.30	.x°±2.0°	
REMARK:	SHEET 1/4		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu
			.xxx±0.10	.xxx°±1.0°	

REACH & RoHS COMPLIANT

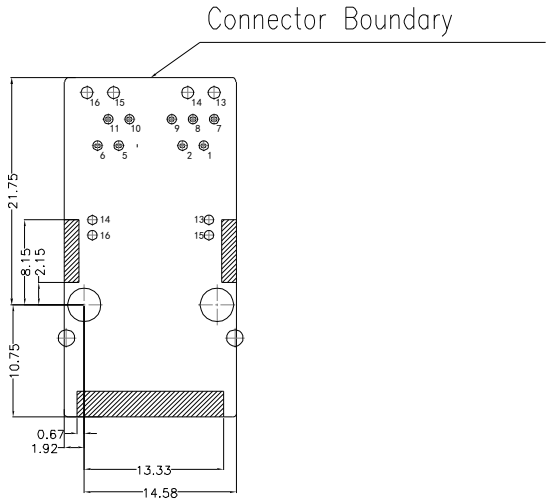
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.02.02

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ±0.10 / 0.004

Keep-Out Area (Component Side View):



Plug-in side

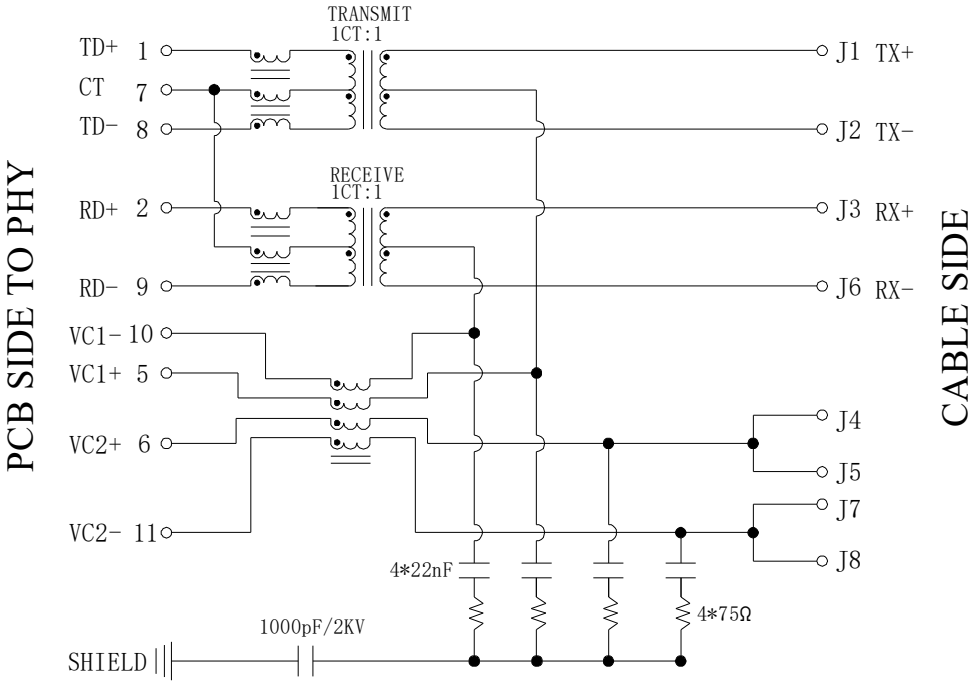
UNIT: mm / inch
Tolerances: ±0.10 / 0.004

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			.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu
			.xxx±0.10	.xxx°±1.0°	

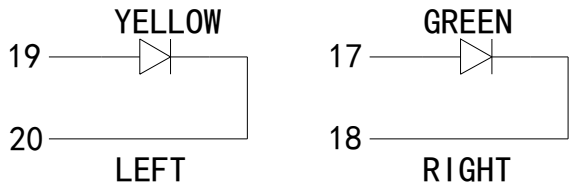
REACH & RoHS COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.02.02



Electrical:

1.Turn ratio:1~8:J1~J2=1CT:1CT(±2%).
2~9:J3~J6=1CT:1CT(±2%).
2.OCL:350uH Min.@ 100KHz 100mV
RMS(4Channel) 8mA DC BIAS.
3.Insertion Loss: -1.0 dB Max 1~100MHz.
4.Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
5.Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
6.CMR: -30dB Min 1~100MHz;
7.Hi-Pot:2250V DC 6S 1mA PRI TO SEC
8.Single port magnetic jack POE magnetics acc. To IEEE802.3af for PSE or PD applications.
9.100% of production tested to comply with IEEE 802.3 isolation equirements balanced DC line current 350mA max. 57V DC continuous.



LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

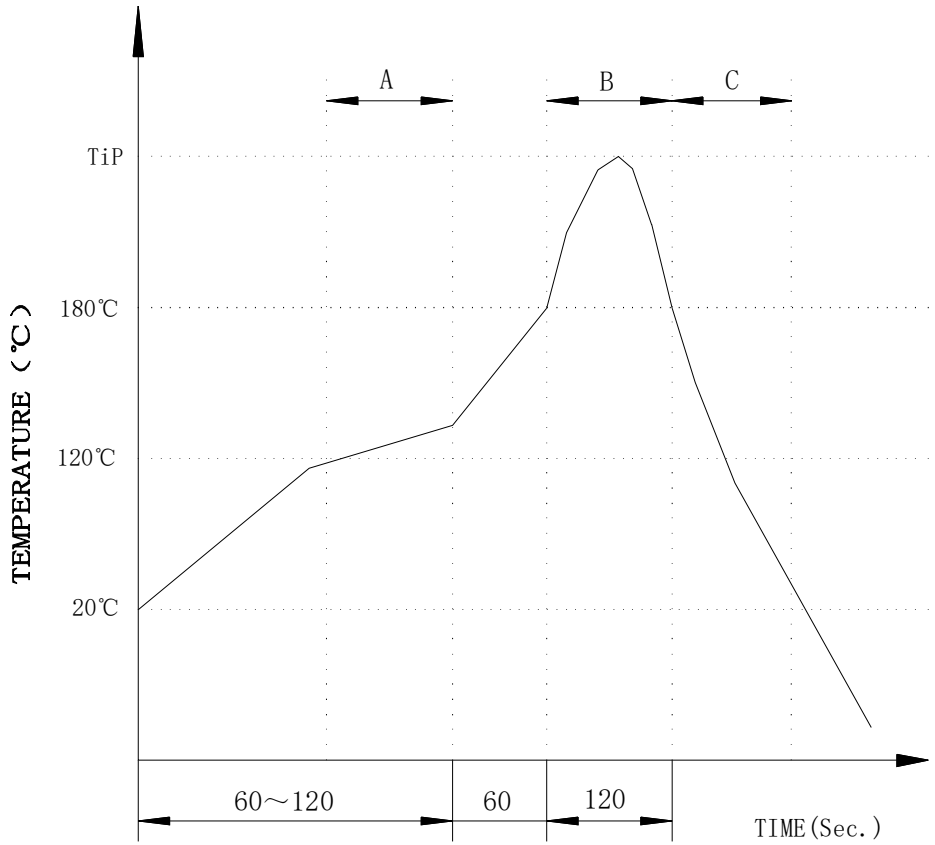
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REMARK:	SHEET 3/4		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu
			.xxx±0.10	.xxx°±1.0°	

REACH & RoHS COMPLIANT

PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.02.02



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.

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			.x±0.30	.x°±2.0°	
REMARK:	SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu
			.xxx±0.10	.xxx°±1.0°	