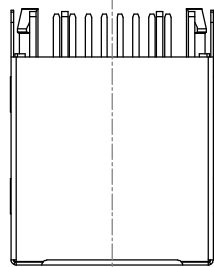
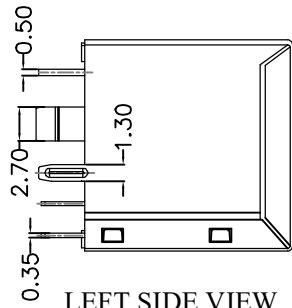


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COMPLIANT

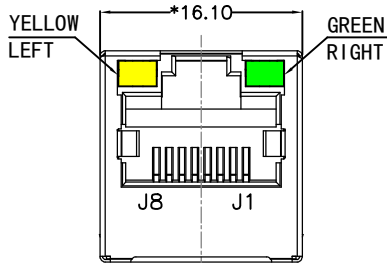
REV.	ECN / DESCRIPTION	BY	DATE



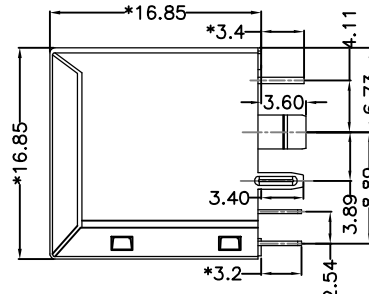
TOP VIEW



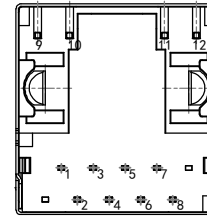
LEFT SIDE VIEW



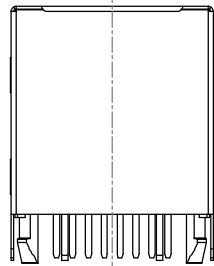
FRONT VIEW



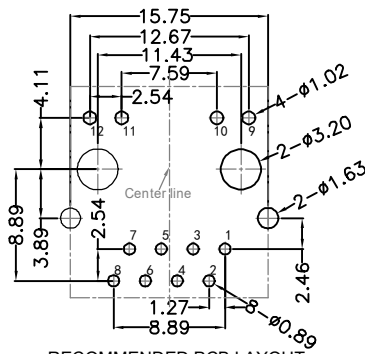
RIGHT SIDE VIEW



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:

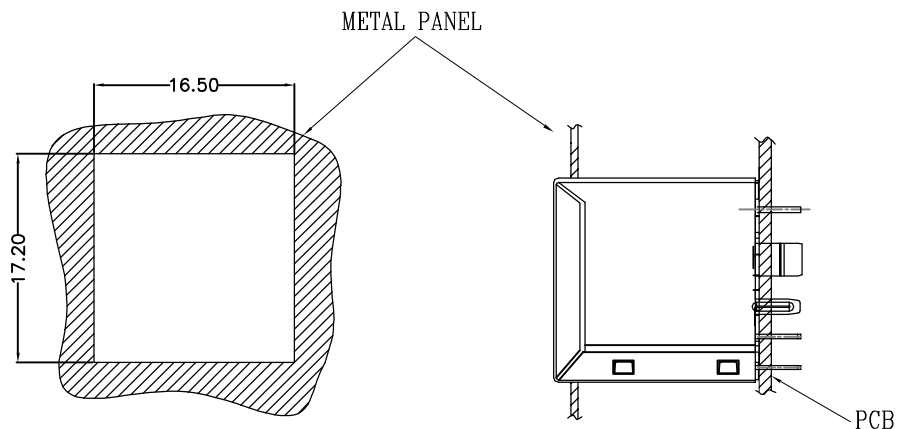
DURABILITY: 750 CYCLES MIN.
 MATING FORCE: 23N MAX.
 OPERATING TEMPERATURE: -40°C~+85°C.
 STORAGE TEMPERATURE: -40°C~+85°C.
 ALL CRITICAL DIMENSIONS WITH "*"

深圳市富港科技有限公司	TITLE: 180° TAB-UP 1X1 10/100BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY:
	PART NO.: RJ-511B048AA1A8D	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:
	REMARK:	SHEET 1/4		.xx±0.25	.xx°±1.5°	DESIGND BY: KYD
				.xxx±0.10	.xxx°±1.0°	

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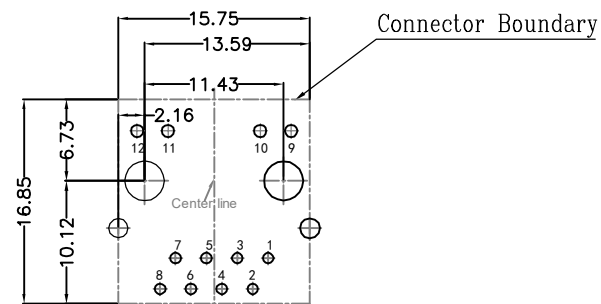
REV.	ECN / DESCRIPTION	BY	DATE

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Keep-Out Area (Component Side View):



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

深圳市富港科技有限公司

TITLE:
180° TAB-UP 1X1 10/100BASE
PART NO.:
RJ-511B048AA1A8D
REMARK:

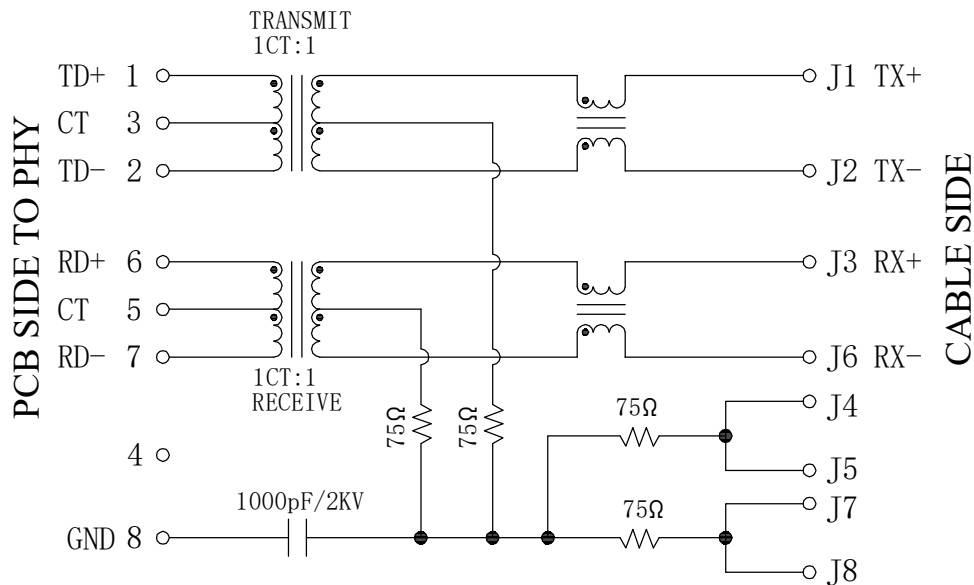
SIZE
A4
SACLE
1:1
SHEET
2/4
UNITS
MM[INCH]
REV
A0

GENERAL TOLERANCES
UNLESS SPECIFIED
x \pm 0.35
x \pm 0.30
.xx \pm 0.25
.xxx \pm 0.10
x° \pm 3.0°
.x° \pm 2.0°
.xx° \pm 1.5°
.xxx° \pm 1.0°

APPROVED BY:
CHECKED BY:
DESIGN BY:

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE

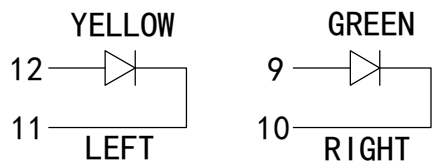


Electrical:

1. Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
6~7: J3~J6=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
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: 1500V AC & 2250V DC
6S 1mA PRI TO SEC

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



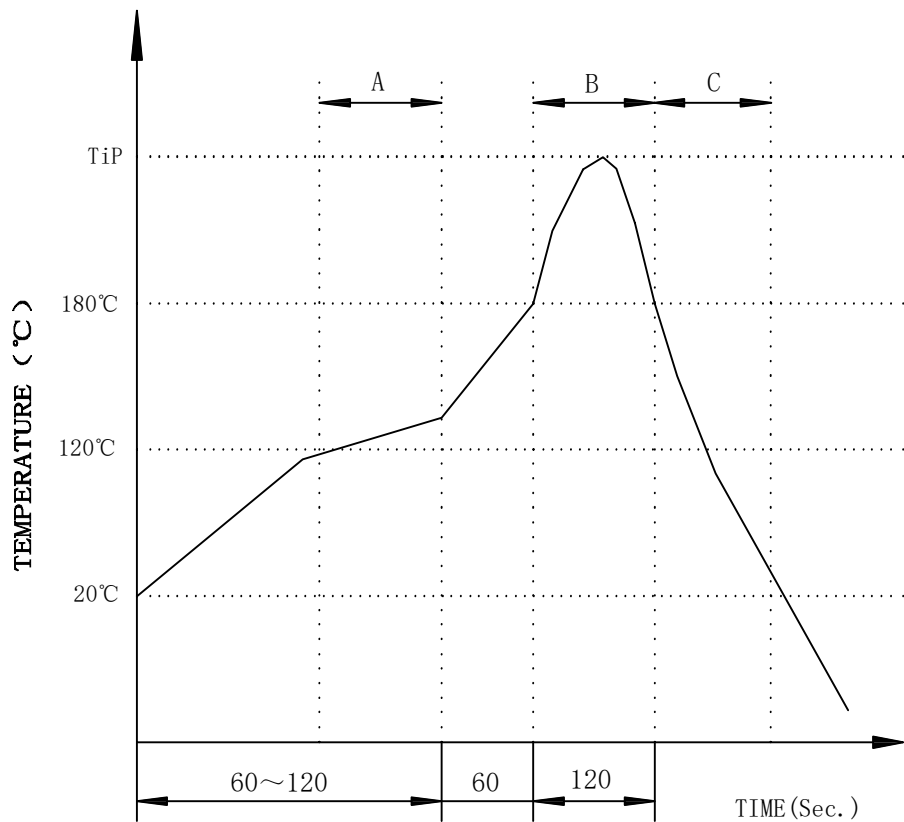
深圳市富港科技有限公司

TITLE: 180° TAB-UP 1X1 10/100BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY:
PART NO.: RJ-511B048AA1A8D	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:
REMARK:	SHEET 3/4		.xx±0.25	.xx°±1.5°	DESIGND BY:
			.xxx±0.10	.xxx°±1.0°	

REACH & RoHS
COMPLIANT

PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE



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.

深圳市富港科技有限公司 富港科技	TITLE: 180° TAB-UP 1X1 10/100BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY:
	PART NO.: RJ-511B048AA1A8D	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:
	REMARK:	SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGND BY:
				.xxx±0.10	.xxx°±1.0°	