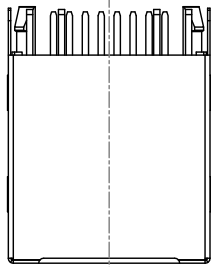
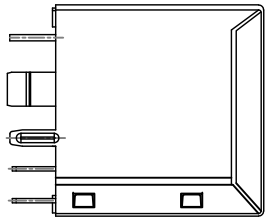


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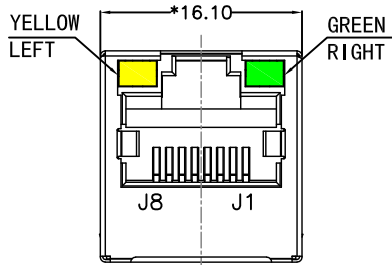
REV.	ECN / DESCRIPTION	BY	DATE



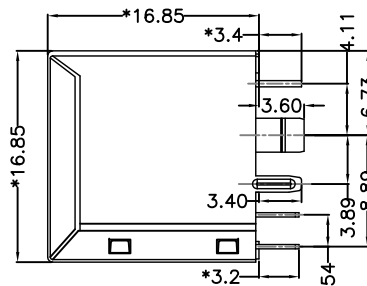
TOP VIEW



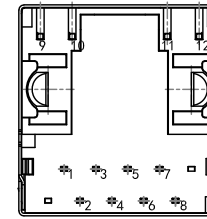
LEFT SIDE VIEW



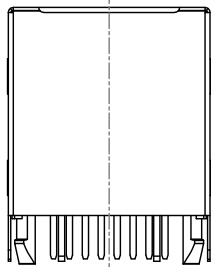
FRONT VIEW



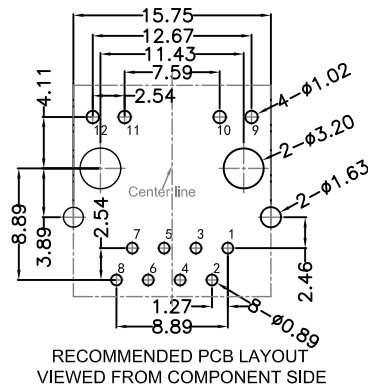
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

SHIELD: 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 "*"

TITLE:

180° TAB-UP 1X1 10/100BASE

SIZE

A4

UNITS

MM[INCH]

GENERAL TOLERANCES

UNLESS SPECIFIED

APPROVED BY:

KYD

PART NO.:

RJ-511B048AA1A8DMZ

SACLE

1:1

REV

A0

xx±0.35

.xx±0.25

.xxx±0.10

x°±3.0°

.x°±2.0°

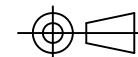
.xx°±1.5°

.xxx°±1.0°

CHECKED BY:

DESIGND BY:

深圳市富港科技有限公司



H

H

G

G



C



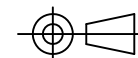
C

A

APPROVED BY:

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

DESIGND BY:	
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12345678

REACH & RoHS COMPLIANT

REV. ECN / DESCRIPTION BY DATE

PCB SIDE TO PHY

TRANSMIT
1CT:1

TD+ 1 CT 3 TD- 2

RD+ 6 CT 5 RD- 7

4

1000pF/2KV

GND 8

75Ω 75Ω 75Ω 75Ω

J1 TX+ J2 TX- J3 RX+ J6 RX- J4 J5 J7 J8

CABLE SIDE

YELLOW GREEN

12 9

11 LEFT 10 RIGHT

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

12345678

12345678

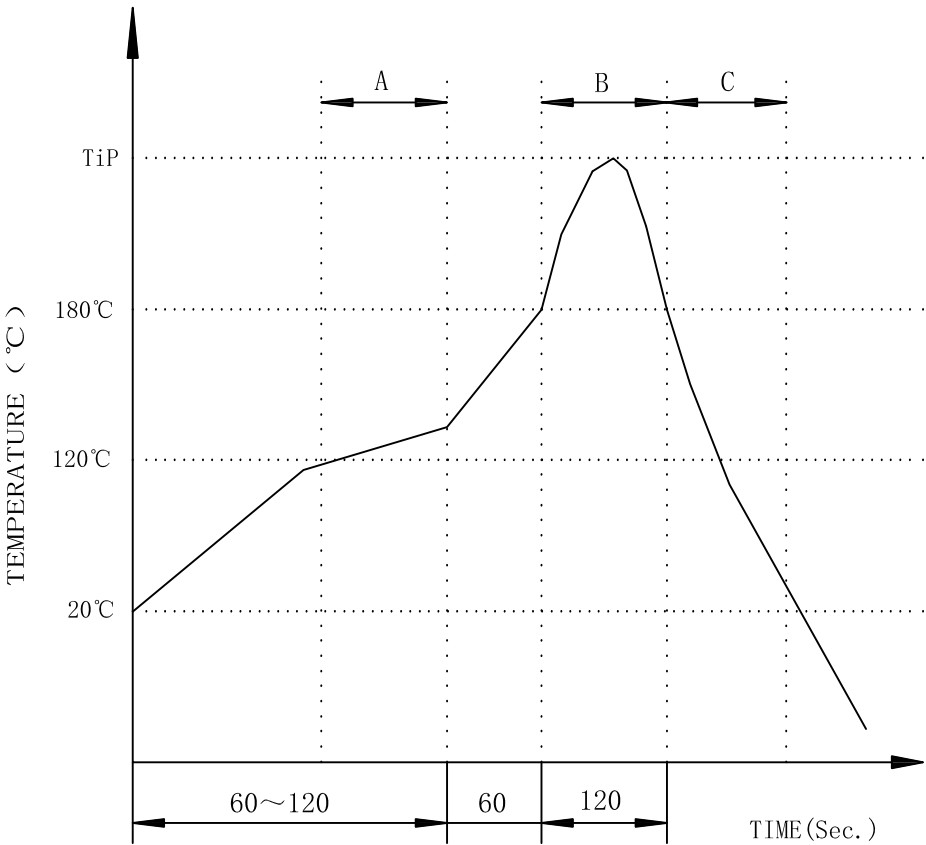
REACH & RoHS COMPLIANT

REV. ECN / DESCRIPTION BY DATE

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:
	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:
			.x±0.30	.x°±2.0°	
	SHEET 3/4		.xx±0.25	.xx°±1.5°	DESIGND BY:
REMARK:			.xxx±0.10	.xxx°±1.0°	

PROFILE OF WAVE SOLDER



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.

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE

深圳市富港科技有限公司	TITLE:	SIZE	UNITS	GENERAL TOLERANCES		APPROVED BY:
	180° TAB-UP 1X1 10/100BASE	A4	MM[INCH]	UNLESS SPECIFIED		
	PART NO.:	SACLE	REV	x±0.35	x°±3.0°	CHECKED BY:
	RJ-511B048AA1A8DMZ	1:1	A0	.x±0.30	.x°±2.0°	
	REMARK:	SHEET		.xx±0.25	.xx°±1.5°	DESIGND BY:
		4/4		.xxx±0.10	.xxx°±1.0°	