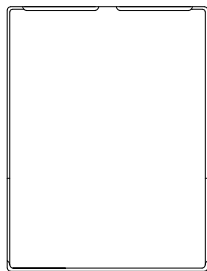
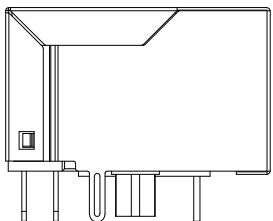


REACH & RoHS
COMPLIANT

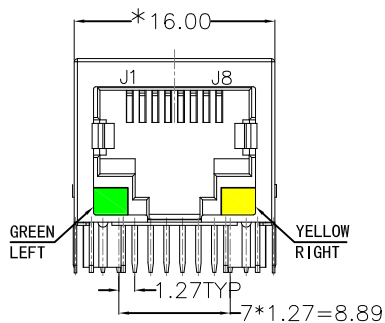
REV.	ECN / DESCRIPTION	BY	DATE



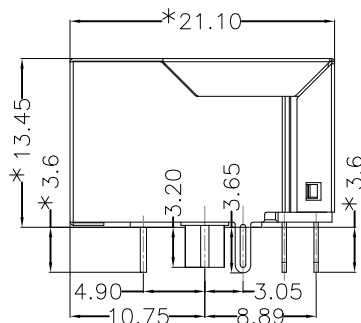
TOP VIEW



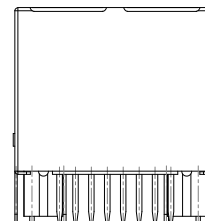
LEFT SIDE VIEW



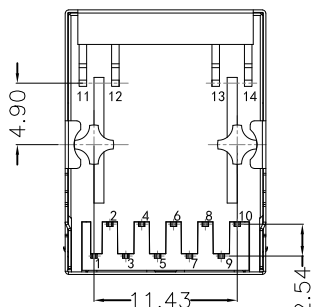
FRONT VIEW



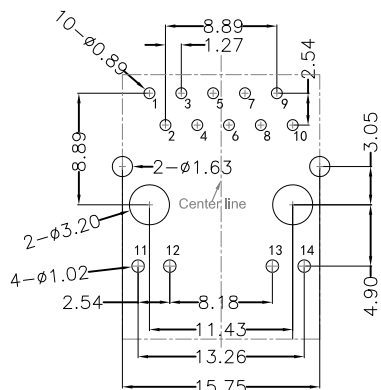
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING : PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

SHIELD: 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:

TAB-DOWN 1X1 1000BASE

SIZE

A4

UNITS

MM[INCH]

GENERAL TOLERANCES

UNLESS SPECIFIED

APPROVED BY:

KYD

PART NO.:

RJ-111Q070BA2A1DMZ

SACLE

1:1

REV

A0

$x \pm 0.35$

$.x \pm 0.30$

$.xx \pm 0.25$

$.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$

$.x^\circ \pm 2.0^\circ$

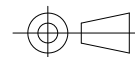
$.xx^\circ \pm 1.5^\circ$

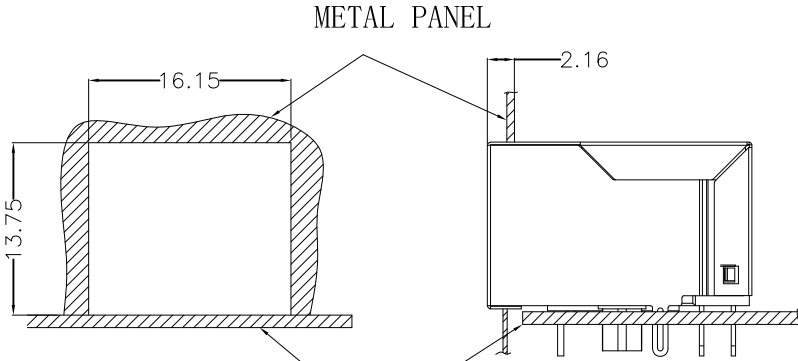
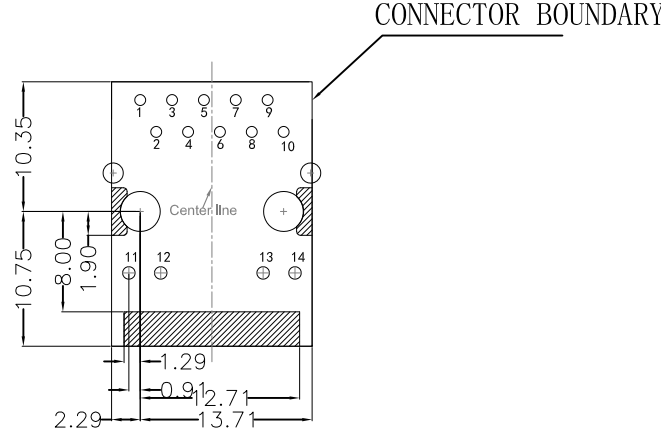
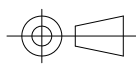
$.xxx^\circ \pm 1.0^\circ$

CHECKED BY:

DESIGND BY:

深圳市富港科技有限公司



1		2		3		4		5		6		7		8	
REACH & RoHS COMPLIANT															
RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):				KEEP-OUT AREA (COMPONENT SIDE VIEW):											
															
PCB				PLUG-IN SIDE											
UNIT: MM / INCH TOLERANCES: ±0.10 / 0.004 REFERENCE ONLY				UNIT: MM / INCH TOLERANCES: ±0.10 / 0.004											
深圳市富港科技有限公司				TITLE:		SIZE	UNITS	GENERAL TOLERANCES		APPROVED BY:					
				TAB-DOWN 1X1 1000BASE		A4	MM[INCH]	UNLESS SPECIFIED							
				PART NO.:		SACLE	REV	x±0.35	x°±3.0°	CHECKED BY:					
				RJ-111Q070BA2A1DMZ		1:1	A0	.x±0.30	.x°±2.0°						
REMARK:				SHEET		.xx±0.25	.xx°±1.5°	DESIGND BY:							
				2/4		.xxx±0.10	.xxx°±1.0°								
1		2		3		4		5		6		7		8	

1

2

3

4

5

6

7

8

REACH & RoHS
COMPLIANT

REV.

ECN / DESCRIPTION

BY

DATE

PCB SIDE TO PHY

1CT:1

1CT:1

1CT:1

1CT:1

TD1+ 1

TD1- 2

TD2+ 3

TD2- 4

TD3+ 7

TD3- 8

TD4+ 9

TD4- 10

5

6

SHIELD

1000pF/2KV

4*75Ω

J1 TX1+

J2 TX1-

J3 TX2+

J6 TX2-

J4 TX3+

J5 TX3-

J7 TX4+

J8 TX4-

CABLE SIDE

GREEN

11

12

LEFT

YELLOW

14

13

RIGHT

Electrical:

1.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%).

2.OCL:350uH Min.at 100KHz 100mV 8mA DC.

3.Insertion Loss: -1.0 dB Max 1~100MHz.

4.Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz.

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

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:
TAB-DOWN 1X1 1000BASE

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:

PART NO.:
RJ-111Q070BA2A1DMZ

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°

1

2

3

4

5

6

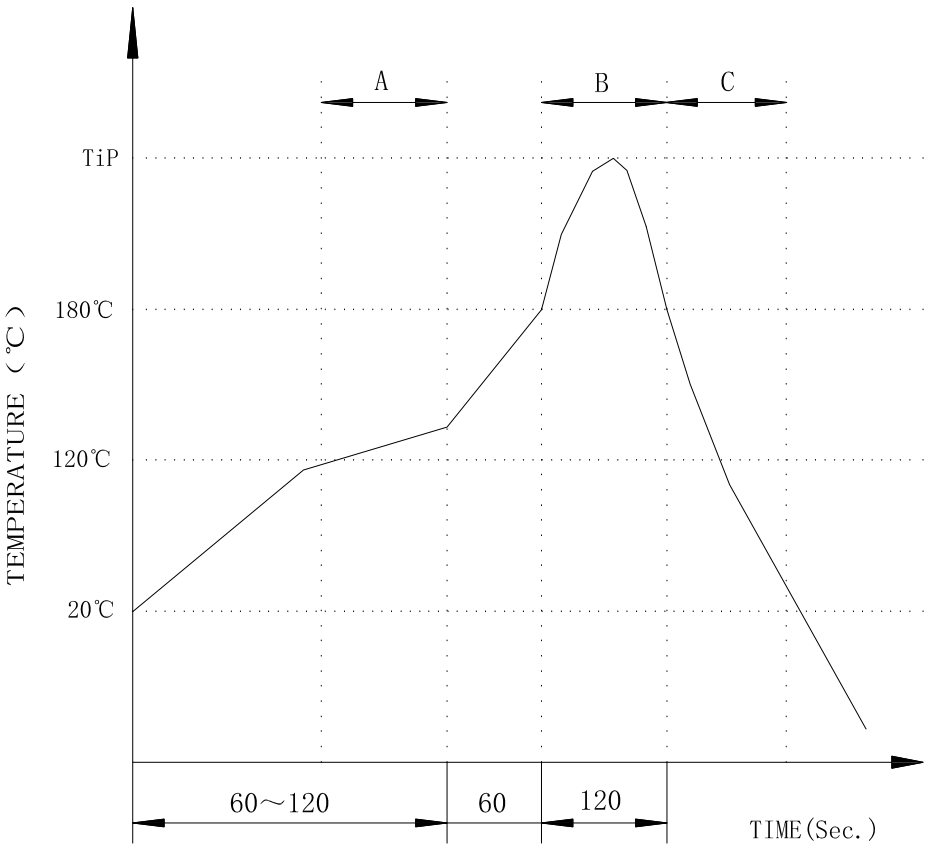
7

8

PROFILE OF WAVE SOLDER

REACH & RoHS
COMPLIANT

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.

A	深圳市富港科技有限公司	TITLE: TAB-DOWN 1X1 1000BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY:
		PART NO.: RJ-111Q070BA2A1DMZ	SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY:
		REMARK:	SHEET 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: