

H

G

F

E

D

C

B

A

SRJL1813CNL

Date Code

TOP VIEW

LEFT SIDE VIEW

FRONT VIEW

RIGHT SIDE VIEW

BACK VIEW

BOTTOM VIEW

RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

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.

DURABILITY: 750 CYCLES MIN.
MATING FORCE: 23N MAX. OPERATING
TEMPERATURE: 0°C~+70°C. STORAGE
TEMPERATURE: -40°C~+85°C. ALL
CRITICAL DIMENSIONS WITH "±"

TITLE: 10/100 Base POE RJ45 Jack
--

PART NO.:
SRJL1813CNL

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]REV
A0

GENERAL TOLERANCES
UNLESS SPECIFIED

	$x+0.35$
--	----------

	$x+0.30$
--	----------

xx+0 25

xxx±0.10

APPROVED BY:

CHECKED BY:

DESIGND BY:

REV.

A0

ECN / DESCRIPTION

NEW

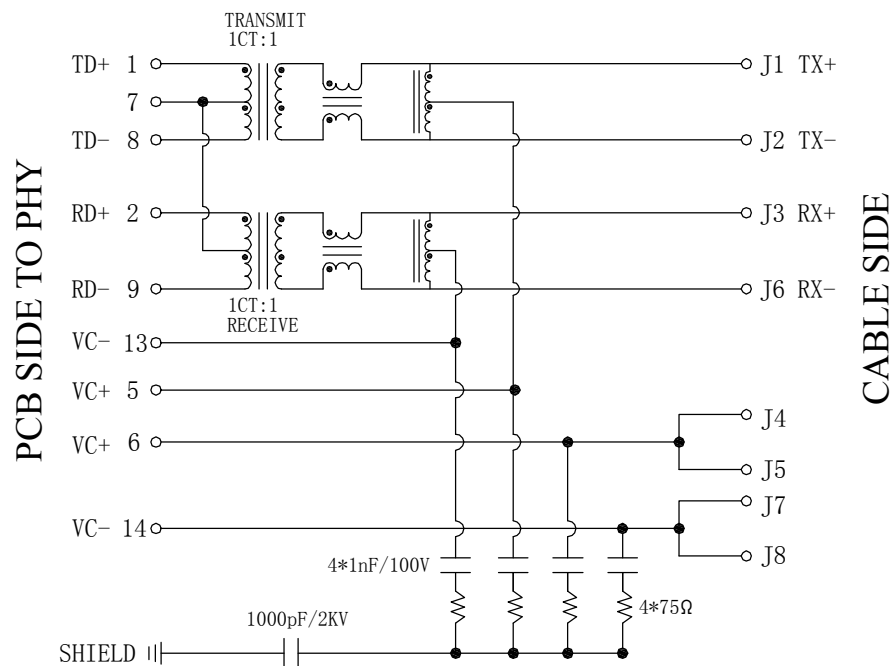
BY

DATE _____

2018.03.10

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW		2018.03.10

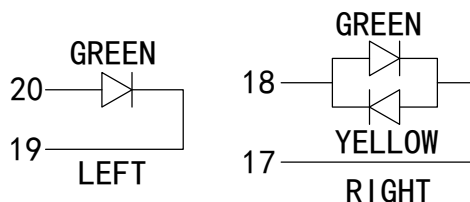


Electrical:

- Turn ratio:1~8:J1~J2=1CT:1CT(±2%).
2~9:J3~J6=1CT:1CT(±2%).
- OCL:350uH Min. @ 100KHz 100mV
RMS(4Channel) 8mA DC BIAS.
- 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:1500V AC & 2250V DC 6S 1mA PRI TO SEC
- Single port magnetic jack POE magnetics acc.
To IEEE802.3af for PSE or PD applications.
- 100% of production tested to comply with
IEEE 802.3 isolation requirements balanced DC
line current 350mA max. @44~57V DC continuous.

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.8-2.8V
Yellow	585nm	20mA	1.8-2.8V



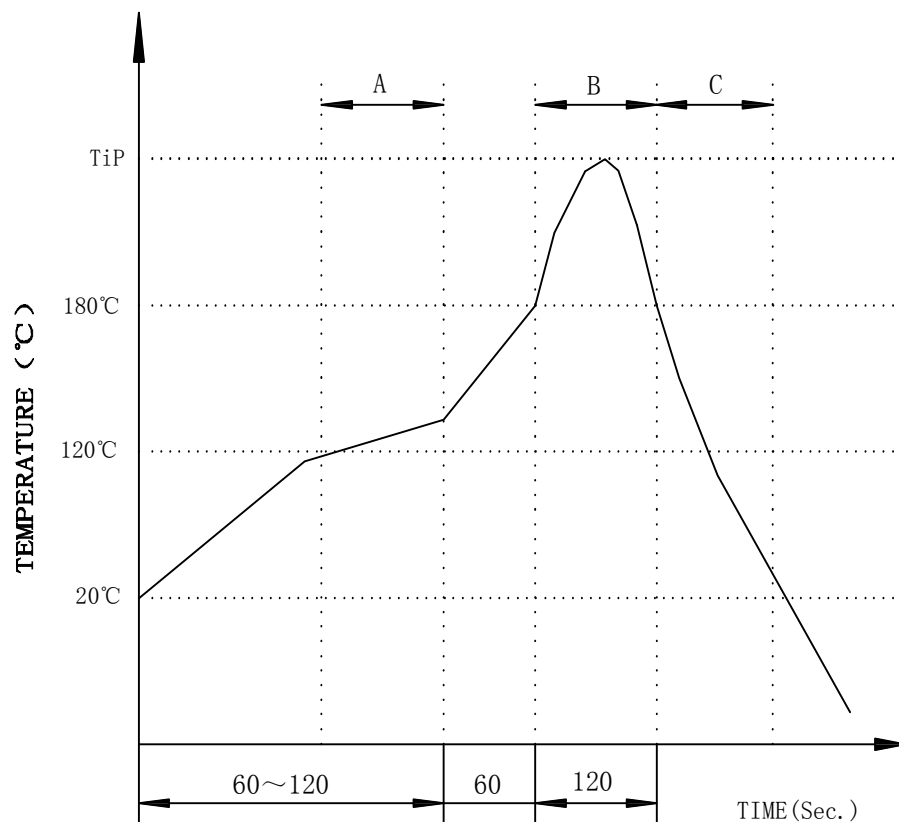
SHAREWAY TECHNOLOGY CO., LTD.

TITLE: 10/100 Base POE RJ45 Jack	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY:
	PART NO.: SRJL1813CNL	SACLE 1:1	REV A0	x±0.35 x°±3.0° .x±0.30 .x°±2.0°	CHECKED BY:
	REMARK:	SHEET 2/3		.xx±0.25 .xx°±1.5° .xxx±0.10 .xxx°±1.0°	DESIGND BY:

REACH & RoHS
COMPLIANT

PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW		2018.03.10



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.

SHAREWAY TECHNOLOGY CO., LTD.

TITLE:
10/100 Base POE RJ45 Jack

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:

PART NO.:
SRJL1813CNL

SACLE
1:1

REV
A0

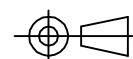
x±0.35
.x±0.30

x°±3.0°
.x°±2.0°

CHECKED BY:

REMARK:

SHEET
3/3



.xx±0.25
.xxx±0.10

.xx°±1.5°
.xxx°±1.0°

DESIGND BY: