

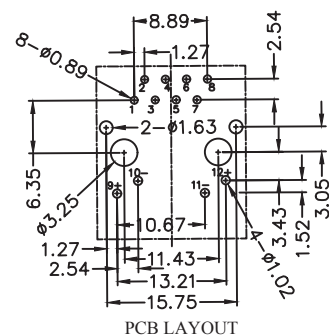
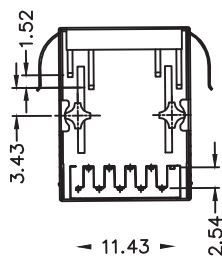
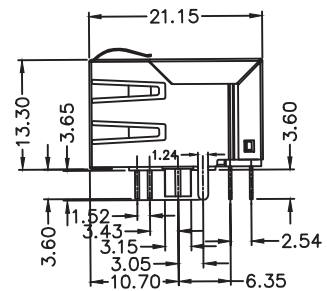
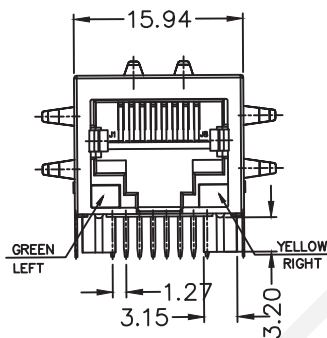
# QUARTZ CRYSTAL RESONATOR

## ERYLYL010

### Electrical Specifications:

| Standard LED Color | LED Wavelength | Forward (V MAX) | Typical (V TYP) | Luminous Intensity |
|--------------------|----------------|-----------------|-----------------|--------------------|
| Green              | 560-580 nm     | 2.5V            | 2.1-2.2V        | 9-25 MCD           |
| Yellow             | 580-610 nm     | 2.5V            | 2.1-2.2V        | 9-30 MCD           |

1. Voltage rating: 125V AC.
2. Insulation resistance: 500 megohms MIN @500VDC.
3. Contact resistance: 50 milliohms Max.
4. T/R: TX=1CT:1CT( $\pm 2\%$ ) & RX=1CT:1CT( $\pm 2\%$ ).
5. QCL: 350uH Min at 100KHz 100mV 8mA DC.
6. Insertion Loss: -1.0 dB Max 1MHz to 100MHz.
7. Return loss: -16dB Min From 1MHz to 30MHz; -14dB Min From 30MHz to 60MHz. -10dB Min From 60MHz to 80MHz.
8. Cross talk: -40dB Min From 1MHz-30MHz; -35dB Min From 30MHz-60MHz; -30dB Min From 60MHz-100MHz;
9. CMR: -35dB Min From 1MHz-100MHz;
10. HI-Pot: 1500V AC 6S 1mA



|             |          |                |
|-------------|----------|----------------|
| Part Number | Ports    | LED Style      |
|             | 1x1Ports | G/Yellow/Green |

# NINGBO ERYCO ELECTRONIC CO.,LTD

## QUARTZ CRYSTAL RESONATOR

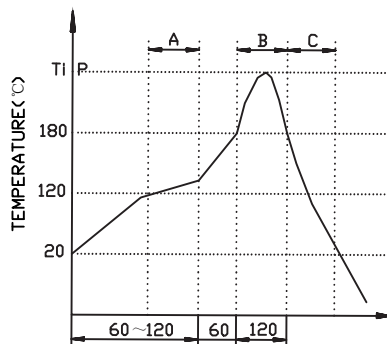
### PARAMETERS

ERYLYL010

RJ45 with Transformer

ERYLYL010 100Base 1x1 Tab-down RJ45

#### PROFILE OF WAVE SOLDER



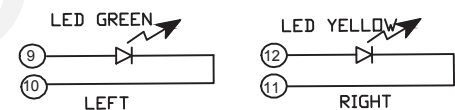
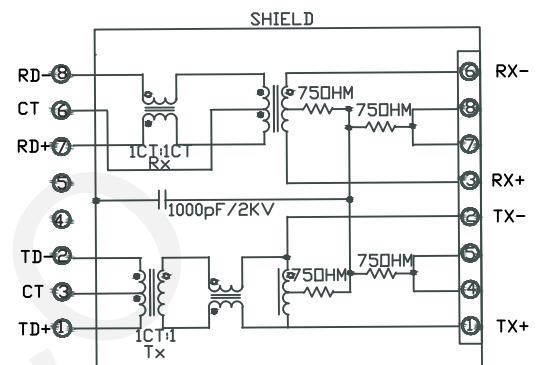
A.Preheating B.Soldering C.Gradual Cooling

Tip temperature:  $260 \pm 5^{\circ}\text{C}$ .

Tip temperature time: 5Sec Max.

Tip melting point of Sn96.5/Ag3/Cu0.5:  $217^{\circ}\text{C}$ .

After the wave solder, the plastic column of product under the pcb will have a slight plastic melting situation.



#### Material:

Housing :PBT+30%GF,UL94V-0,Black.

Plastic bracket :PBT+30%GF,UL94V-0,Black.

Shell: C2680R-H,T=0.20mm,Nickel plated in all area.

Contact terminal:Phosphor bronze C5210R-EH,T=0.35mm,

Gold plated 6u" in the mating area.

Solder terminal:Brass,C2680-H,T=0.35mm,Tin plated 80u"Min. at solder times.

#### Mechanical:

Durability :750 cycles Min.

Mating force :22N Max.

Operating temperature:-40°C~+85°C.

#### ORDER INFORMATION

ERYLYL010-1X1-G

