

NINGBO ERYCO ELECTRONIC CO.,LTD

QUARTZ CRYSTAL RESONATOR

PARAMETERS

ERYLYL002

Jack with Transformer Series

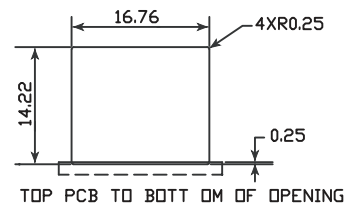
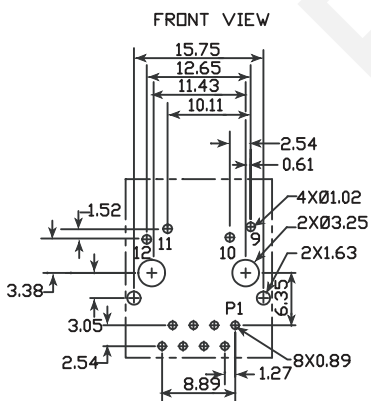
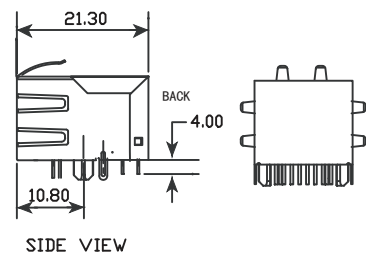
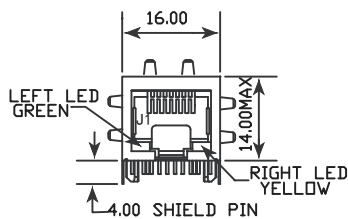
ERYLYL002 Jack with Transformer Series 1x1 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, Nylon
- 2.Housing Color: Black or others
- 3.Contact Material: Phosphor Bronze
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.Shield: 0.23 Thickness Brass with nickel plated

ELECTRICAL

- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min @ 500 VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute



ORDER INFORMATION

Part Number	Ports	LED Style	Back Peg	Gold Plating
ERYLYL002-	1x1	G/Y-	1-	XX
1x1 ports	1x1 ports	G/Y-Green / Yellow	1-Back Peg 3.65	01-Fu
1x2-2 Ports	1x2-2 Ports	Y/G-Yellow / Green	2-Front Peg 3.65	02-3u
1x4-4 Ports	1x4-4 Ports	R/G-Red / Green	3-Front Peg 3.65	03-6u
		G/R-Green / Red		04-15u
		G/G-Green / Green		05-30u
		Y/Y-Yellow / Yellow		06-50u
		0-Without LED		

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Characteristics Description:

1.RJ45 10/100Base-Tx Transformer Jack With Transformer

Impedance Resistor/High Voltage Capacitor.

2.Size Same As R-45 Modular Jack To Save PCB Space.

3.Reduce EMI Radiation, Improve EMI Performance.

4.Designed For Network Interface Card Application.

5.Designed To Meet IEEE 802.3u Requirement.

6.Designed For 100 Base Transmission Over UTP-5 Cable.

Electrical Characteristics:

1.Insertion Loss:100KHz-100MHZ -1.0dB Max.

2.Return Loss:1-30MHz -18dB Min.

40-50MHz-15dB Min.

60-80MHz-10dB Min.

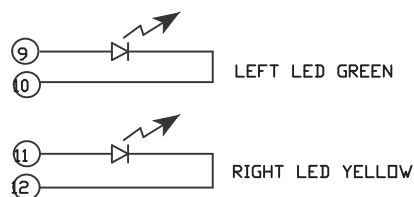
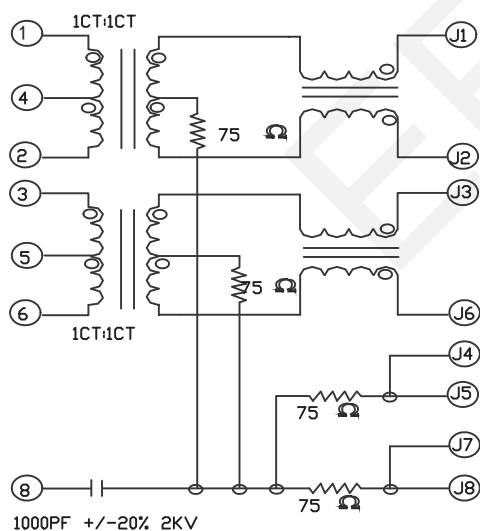
3.Cross Talk :100KHz-100MHZ-35dB TyP.

4.CMRR:100KHz-100MHZ-38dB TyP.

5.Turn Ratios:RX=1:1(+/-3%)TX=1:1(+/-3%)

6.Isolation 60Hz:Input To output 1500Vrms,60 Seconds

7.Primary Inductance:@100KHz 0.1Vrms,8mA DC Bias 350uH Min.



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ERYLYL002- 1x1	1x1-1 ports 1x2-2 Ports 1x4-4 Ports	G/Y-Green / Yellow Y/B-Yellow / Green R/G-Red / Green G/R-Green / Red G/B-Green / Blue Y/Y-Yellow / Yellow 0-Without LED	1-Back Peg 3.05 2-Front Peg 3.05 3-Front Peg 3.68	01-Fu 02-3u 03-5u 04-15u 05-30u 06-50u