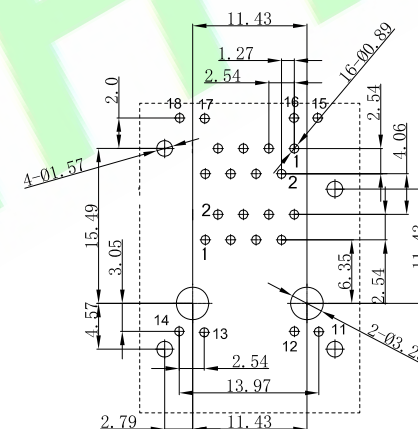
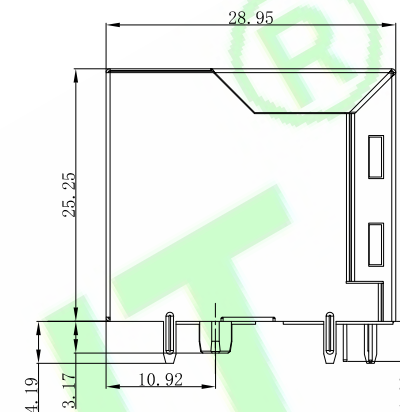
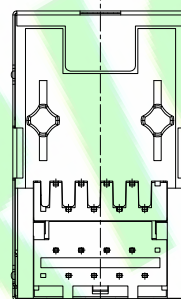
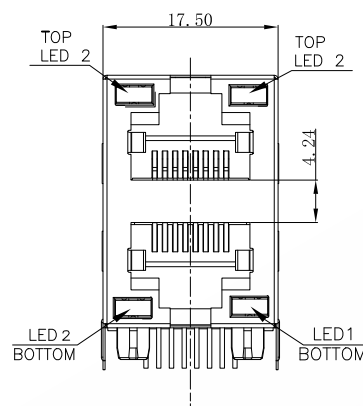


- 1.Connector Material :
Housing:Thermoplastic U94 V-0
Contact/Shield:Cooper alloy
Shield Plating:Nickel
Contact Plating:Selective gold 6u" Min
2.Tolerances comply with F.C.C dimension requirements
3.Durability:800 mating Min

- ROHS Compliant(Pb Free)
- Meets or exceeds IEEE802.3 Standards including 350uH Min OCL with 8mADC
- High performance for EMI suppression,Crosstalk, Return Loss and Consistent Electrical
- Minimun 1500Vrms isalation per IEEE802.3 requirement
- Minimize PCB space and Simplify PCB Layout
- Less magnetic components to be placed on PCB, higher reliability and yields

Ordering Information
MJ018R-16PCA-1C-01
1 2 3 4 5

- 1: — Series No.
2: — R:R/A Type
3: — No. of Positions
4: — A:Selective gold 6u" Min Over Nickel
5: — C:In Tray



P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
ALL CENTERLINE DIMENSIONS ARE BASIC

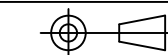
LED Specification

Standard LED	Wavelength	Forward V (Min/Max)	ForwardA	Type
Green	568nm	1.8V/2.8V	20mA	Squareness
Yellow	585nm	1.8V/2.8V	20mA	Squareness

DR.BY.: Tony.Zou	GENERAL TOLERANCE:		PART NO : MJ018R-16PCA-1C-01	
CHKD.: Hu.Ch	LINEAR	ANGLES	DWG. NO.:	
	X.: ±0.38	X': ±5.0°	TITLE : 2*1 Port RJ45 Connector With 100/1000 Base-T Magnetics Mdule	
	X.X: ±0.30	X.X': ±3.0°		
	X.XX: ±0.25	X.XX': ±2.0°		
APPD.: Billy	X.XXX: ±0.15	X.XXX': ±1.0°	DATE: 29-Jul-2023	

HJBRIGHT® 東莞市華晶電子有限公司
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 2/1
SCALE: 1:1
UNIT: mm



THIRD ANGLE PROJECTION

A4

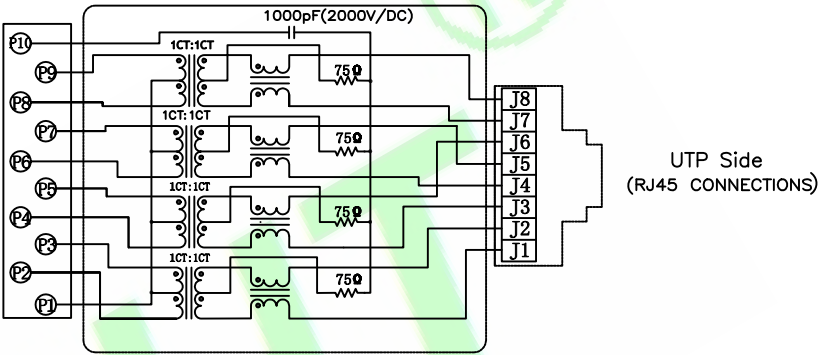
1X	ORIGINAL	Tony.Zou	
REV.	DESCRIPTION	DR.BY	ECN. NO.

Electrical Specifications @25℃/65%RH

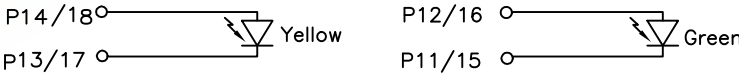
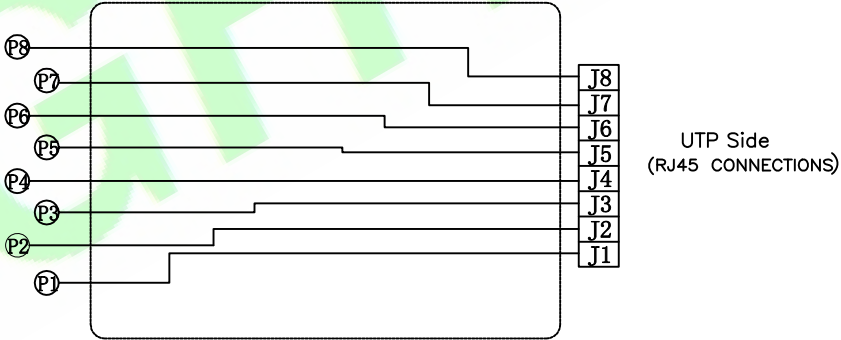
- 1.Isolation Voltage:1500V/AC(Chip Side to UTP Side)
- 2.OCL:350uH Minimum @100KHz 100mV with 8mADC
- 3.Instertion Loss:−1.1dB Maximum @100KHz−100MHz
- 4.Return Loss:−18dB Minimum @1MHz−30MHz
- −14dB Minimum @30MHz−60MHz
- −12dB Minimum @60MHz−80MHz
- 5.Common Mode Rejection:−40dB Minimum @1MHz−30MHz
- −35dB Minimum @30MHz−60MHz
- −30dB Minimum @60MHz−100MHz
- 6.Cross Talk:−40dB Minimum @1MHz−30MHz
- −35dB Minimum @30MHz−60MHz
- −30dB Minimum @60MHz−80MHz

Schematics:

B PORT



A PORT (PCB CONNECTORS)



1X	ORIGINAL	Tony.Zou	
REV.	DESCRIPTION	DR.BY	ECN. NO

DR.BY: Tony.Zou	GENERAL TOLERANCE:		PART NO : MJ018R-16PCA-1C-01	
	LINEAR	ANGLES	DWG. NO.:	
	X.: ±0.38	X': ±5.0'	TITLE : 2*1 Port RJ45 Connector With 100/1000 Base-T Magnetics Mdule	
	X.X: ±0.30	X.X': ±3.0'		
	X.XX: ±0.25	X.XX': ±2.0'		
CHKD.: Hu.Ch	X.XXX: ±0.15	X.XXX': ±1.0'	DATE: 29-Jul-2023	

HJBRIGHT® 东莞市華晶電子有限公司
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 2/2
SCALE: 1:1
UNIT: mm

THIRD ANGLE PROJECTION

A4