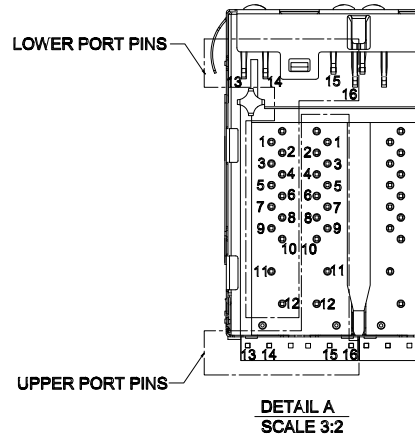
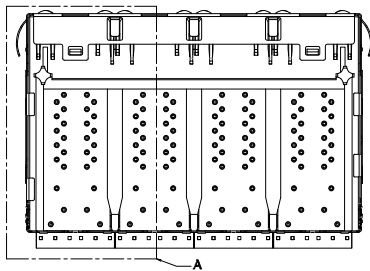
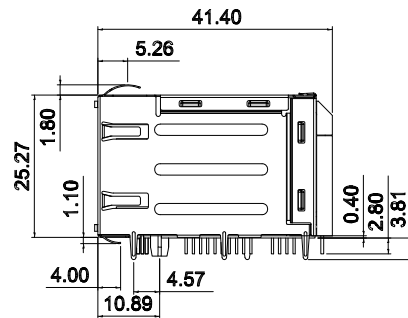
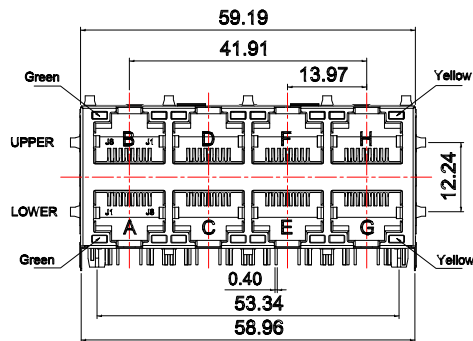
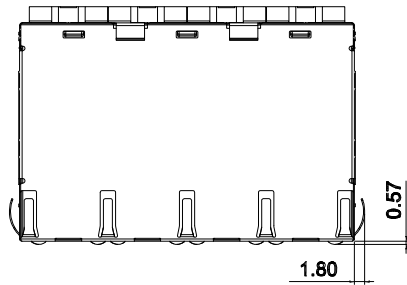




MATERIALS:

- 1.Housing: PA46 ,UL94V-0 ,Black.
- 2.Shield: Brass, Nickel Plated
- 3.Contact: Phosphor Bronze, Plated Gold Over Nickel.



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CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS
OTHERWISE STATED:

Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3

3RD.
ANGEL'S



UNITS

MM

DRAWN BY:

Jack Lu

DATE

06/06/17

MAT'L

FINISH

SCALE

SHEET NO.

TITLE

MODLE

DWG NO.

PART NO.

RJ45

RJ45 2*4 Extended Temp
10/100/1000Base-T/PoE+ W/LED

MJ45-JDEA4T-GY-S118

MJ45-JDEA4T-GY-S118

SIZE

VER

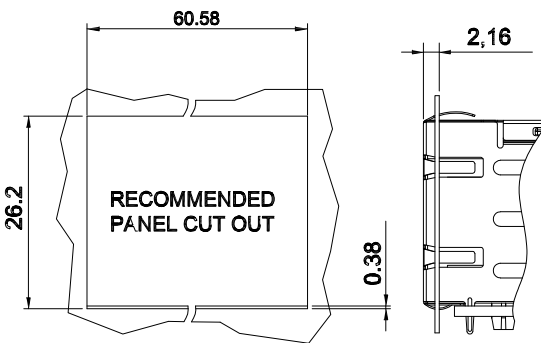
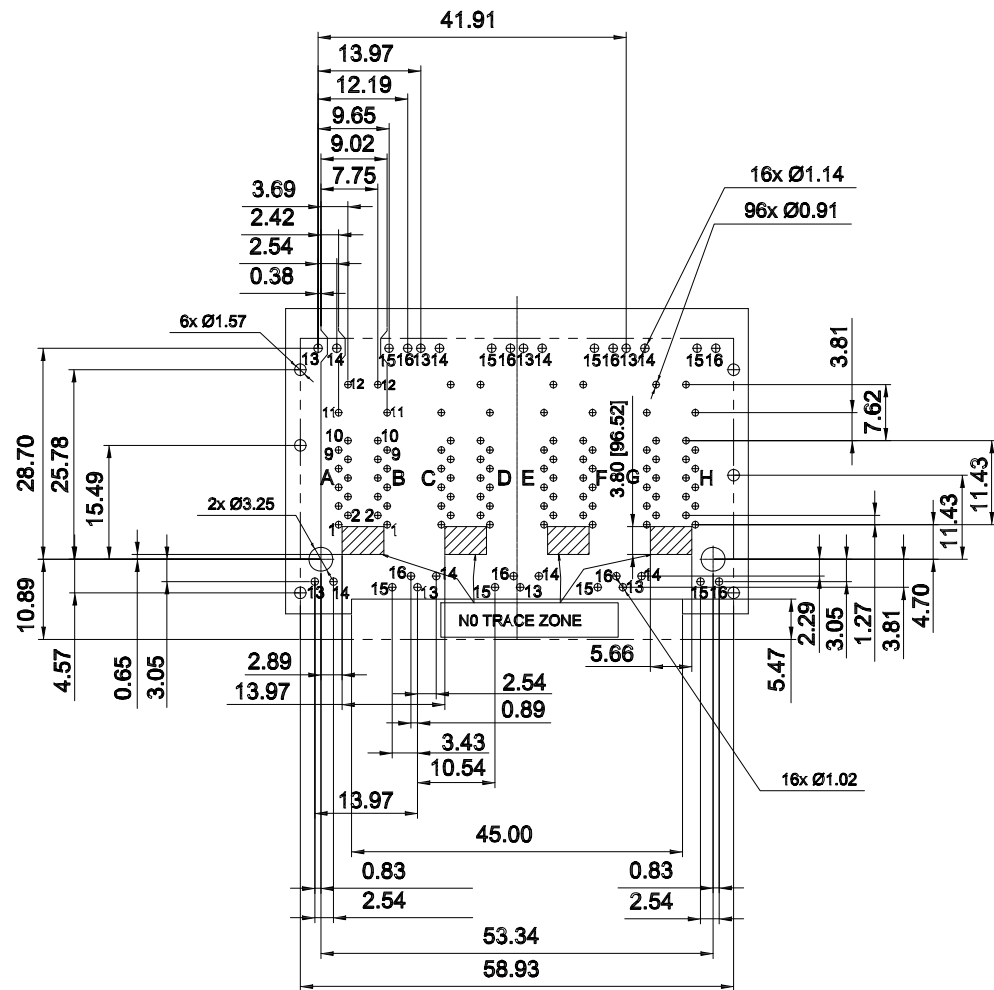
R2

2 更新材質 Jack 060617

1 更新MODLE Jack 050917

ITEM NO. DESCRIPTION DRAWN DATE

A B C D E F G H I J



P.C.B LAYOUT MOUNTING PATTERN

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CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED:
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Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD. ANGEL'S

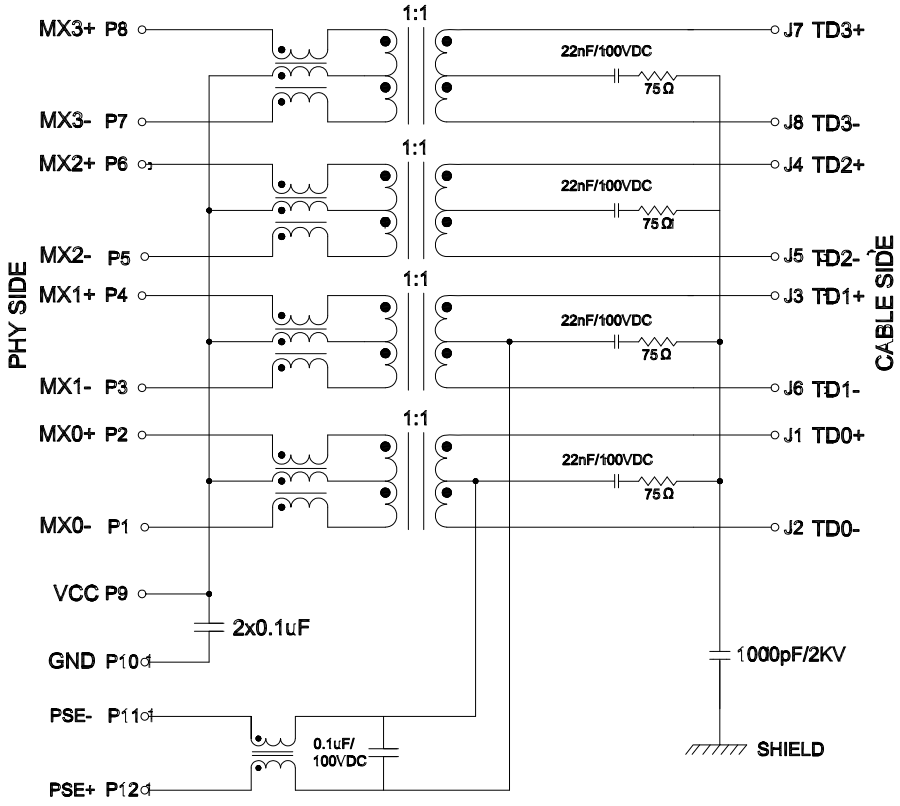
UNITS MM

DRAWN BY:	DATE	MAT'L		TITLE	RJ45
Jack Lu	06/06/17	FINISH		MODLE	RJ45 2*4 Extended Temp 10/100/1000Base-T/PoE+ W/LED
CHECKED BY:	DATE	SCALE	1 : 1	DWG NO.	MJ45-JDEA4T-GY-S118
Jacky Chen	06/06/17	SHEET NO.	2 of 3	PART NO.	MJ45-JDEA4T-GY-S118
APPROVED BY:	DATE				
Tony Kao	06/06/17				

2	更新材質	Jack	060617
1	更新MODLE	Jack	050917
ITEM NO.	DESCRIPTION	DRAWN	DATE



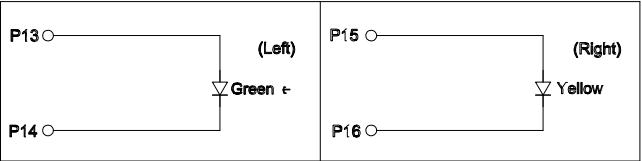
Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
URNS RATIO	1:1±2%
OPEN CIRCUIT INDUCTANCE(OC)	220uH MIN@100KHz/100mV With 19mA DC Bias For(CHANNEL1,2) 350uH MIN@100KHz/100mV With 8mA DC Bias For(CHANNEL3,4)
INSERTION LOSS(IL)	-1.1dB MAX@0.3MHz-100MHz;
RETURN LOSS(RL) (Z out=100 OHM)	-18dB MIN@1MHz-30MHz; -13dB MIN@30MHz-60MHz; -10dB MIN@60MHz-100MHz;
CROSSTALK (ADJACENT CHANNELS)	-30dB MIN@1MHz-100MHz;
COMMON MODE REJECTION RATIO(CMRR)	-30dB MIN@1MHz-100MHz;
DC CURRENT/VOLTAGE RATING-PSE PINS	720mA MAXIMUM@57VDC(CONTINUOUS)
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Forward V(max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA



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Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD. ANGEL'S

UNITS MM

DRAWN BY:	DATE	MAT'L	TITLE	RJ45
Jack Lu	06/06/17	FINISH	MODLE	RJ45 2*4 Extended Temp 10/100/1000Base-T/PoE+ W/LED
CHECKED BY:	DATE	SCALE	DWG NO.	MJ45-JDEA4T-GY-S118
Jacky Chen	06/06/17	1 : 1	PART NO.	MJ45-JDEA4T-GY-S118
APPROVED BY:	DATE	SHEET NO.	3 of 3	
Tony Kao	06/06/17			