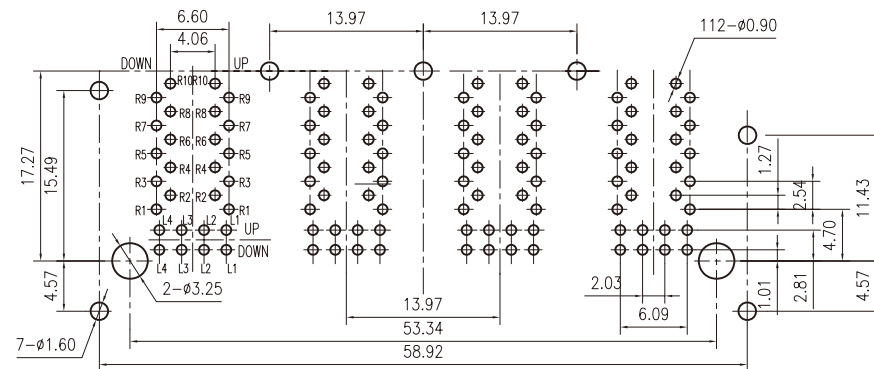
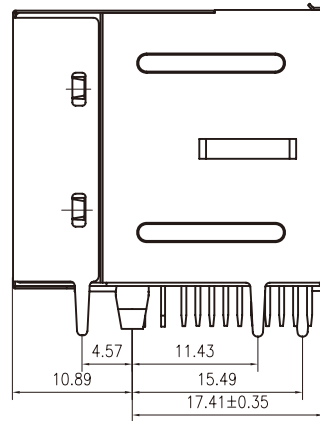
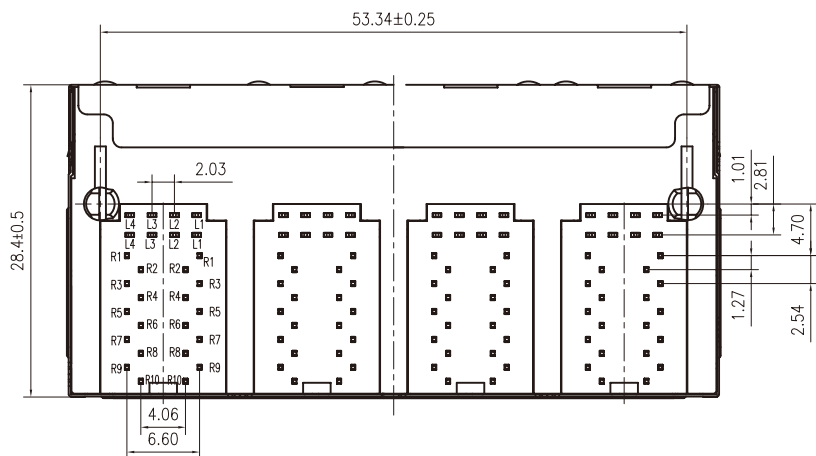
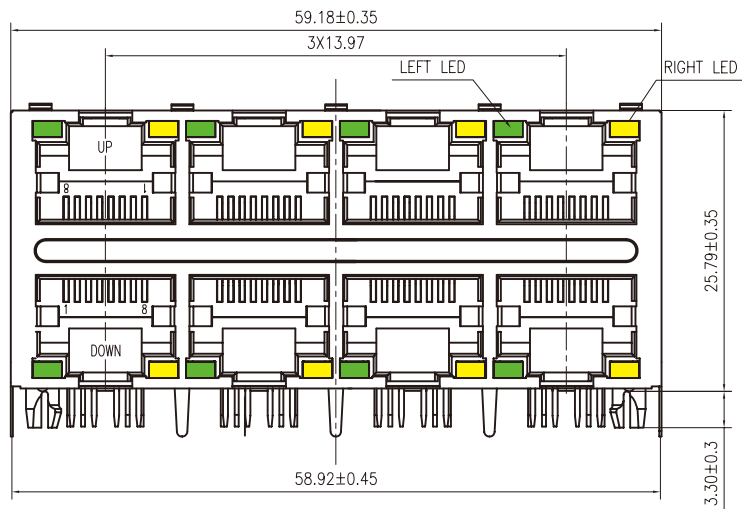
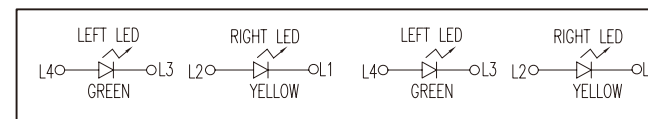


REACH & RoHS
COMPLIANT



PCB BOARD LAYOUT



LED Specification

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
Orange	580-610 nm	2.5V	2.1-2.2V	50-100 MCD

- LED intensity/wavelength measured with Photo Research PR-650 Colormeter
- With a forward current of 20 mA, Absolute Maximum Ratings (Ta=25°C)

1:TOLERANCES UNLESS OTHERWISE SPECIFIED :
0~10±0.15, 10~20±0.2, 20~40±0.25,
40~70±0.3, ≥70±0.4

2:JACK CAVITY CONFORMS TO FCC RULES AND
REGULATIONS,PART 68 SUBPART F.

TITLE:
RJ45 2X4 G-Y LED

PART NO.:
SYT24Q042AB2A2D057

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30
.xx±0.25
.xxx±0.10

x°±3.0°
.x°±2.0°
.xx°±1.5°
.xxx°±1.0°

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

VOOHU 苏州沃虎电子科技有限公司
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WEB: WWW.WOHU-TEK.COM

REACH & RoHS
COMPLIANT

DESCRIPTION

RJ45 With internal Magnetics Connector
Designde to support such applications as:Ethernet Equipment Complex,Switches,Routers,Firewalls,Servers and Hub
Internal magnetics are 100% electrically tested for functionality per IEEE802.3 requirement

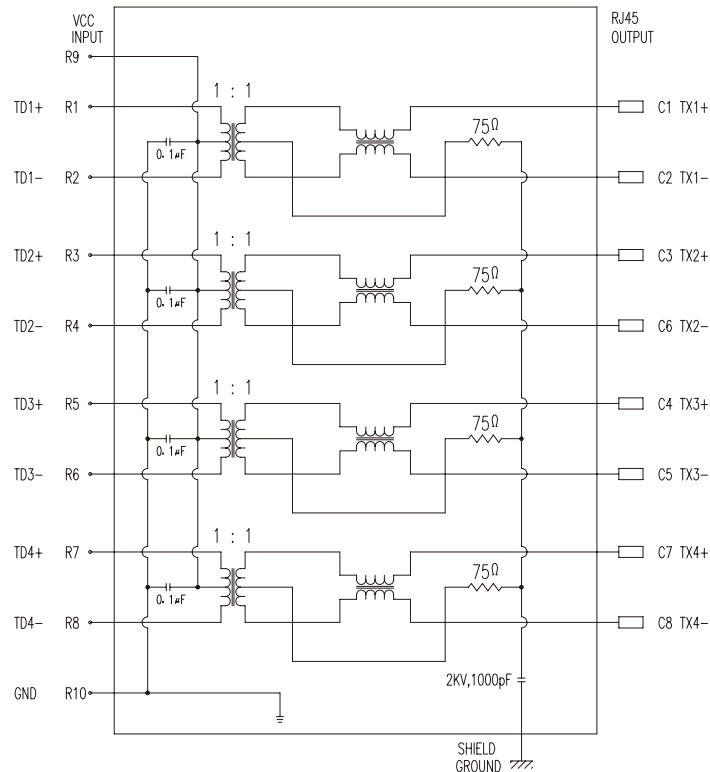
ELECTRICAL: RoHS peak wave solder temperature rating 235℃
High performance for maximum EMI suppression
350uH minnum OCL with 8mA bias current
PoE rating:15W,350mA,48V (For PoE Products only)

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS,PART 68 SUBPART F.
INSERTION FORCE: 2 CONTACTS----350g 4 CONTACTS----500g
6 CONTACTS----750g 8 CONTACTS----900g
RETENTION STRENGTH: 7.7Kgs BETWEEN JACK AND PLUG
DURABILITY: 750 MATING CYCLES Mini

HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)
2) GLASS FILLED PA46/LCP (UL 94V-0)
3) GLASS FILLED PBT (UL 94V-0)
MATERIAL: SPRING WIRE: 1) 0.2-0.45mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL
2) 0.2-0.35mm THICKNESS PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL
SHIELDING: 0.12-0.24mm THICKNESS COPPER ALLOY WITH TIN PLATED
GOLD PLATING: 3μ", 6μ", 15μ", 30μ", 50μ"
WORKING TEMPERATURE: -20℃~70℃
TOLERANCES UNLESS OTHERWISE SPECIFIED : 0~10±0.15, 10~20±0.2, 20~40±0.25, 40~70±0.3, ≥70±0.4



SHEMATIC RV1



ELECTRICAL SPECIFICATIONS AT 25℃

Insertion Loss dB max	Return Loss dB min				Crosstalk(dB TYP)			Common Mode Rejection (dB TYP)		Hipot(vrms)
	1-30MHz	30- 60MHz	60- 100MHz		1-30MHz	30- 60MHz	60- 100MHz	1-50MHz	50-150MHz	
-1.0	-18	-16	-12		-40	-35	-30	-30	-20	1500/0.5mA

TITLE: RJ45 2X4 G-Y LED
SIZE A4
UNITS MM[INCH]
GENERAL TOLERANCES UNLESS SPECIFIED
APPROVED BY: Geoffrey.Song

PART NO.: SYT24Q042AB2A2D057
SACLE 1:1
REV A0
CHECKED BY: Elvis.Song

REMARK:
SHEET 1/4
DESIGND BY: Sunny.Xu

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