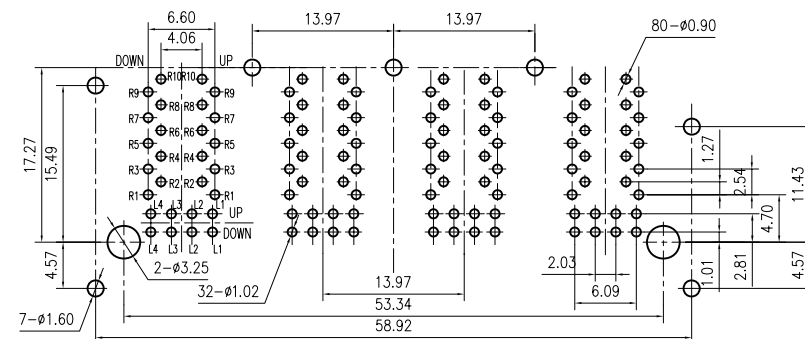
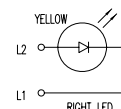
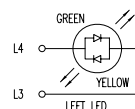
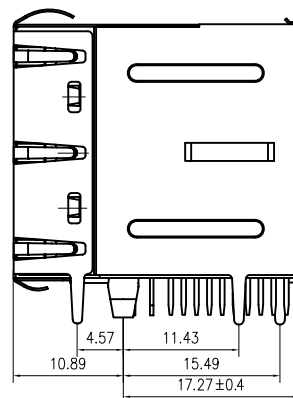
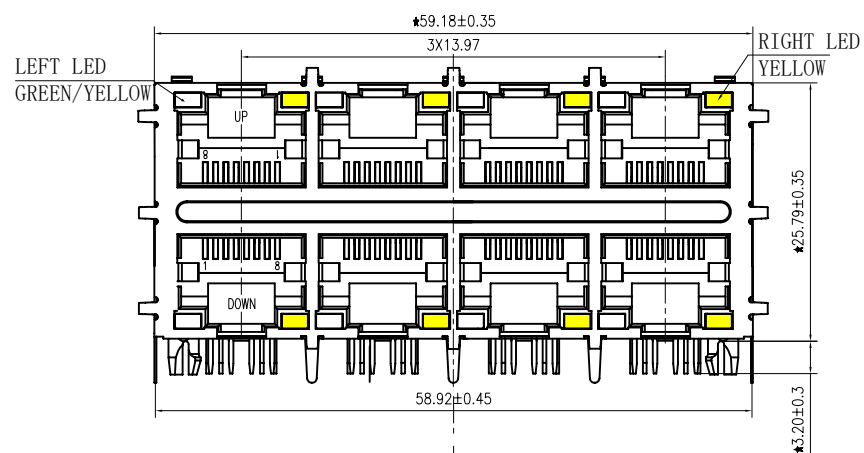
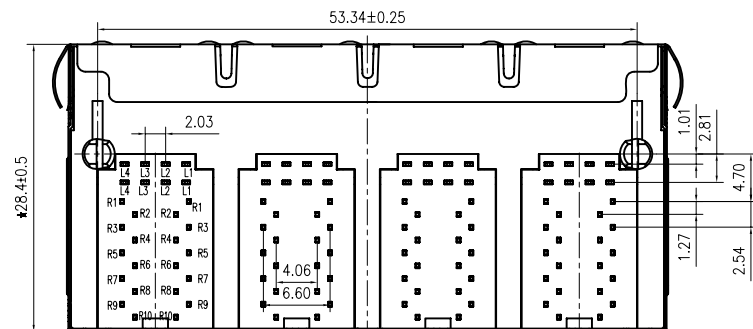


REACH & RoHS
COMPLIANT



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

1. LED intensity/wavelength measured with Photo Research PR-650 Colormeter
2. With a forward current of 20 mA, Absolute Maximum Ratings (T_a=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:	2X4 GY-Y LED EMI
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PART NO.:
WH59G8284623C12

REMARK:

SIZE
A4

SCALE
1:1

SHEET
1/2

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

	$x \pm 0.35$
	$.x \pm 0.30$
	$.xx \pm 0.25$
	$.xxx \pm 0.10$

TOLERANCES SPECIFIED	APPROVED BY: Geoffrey.Song
----------------------	-------------------------------

$x^{\circ} \pm 3.0^{\circ}$	CHECKED BY: Elvis Song
$x^{\circ} \pm 2.0^{\circ}$	

.xx°±1.5°	DESIGNED BY: Sunny.Xu
.xxx°±1.0°	

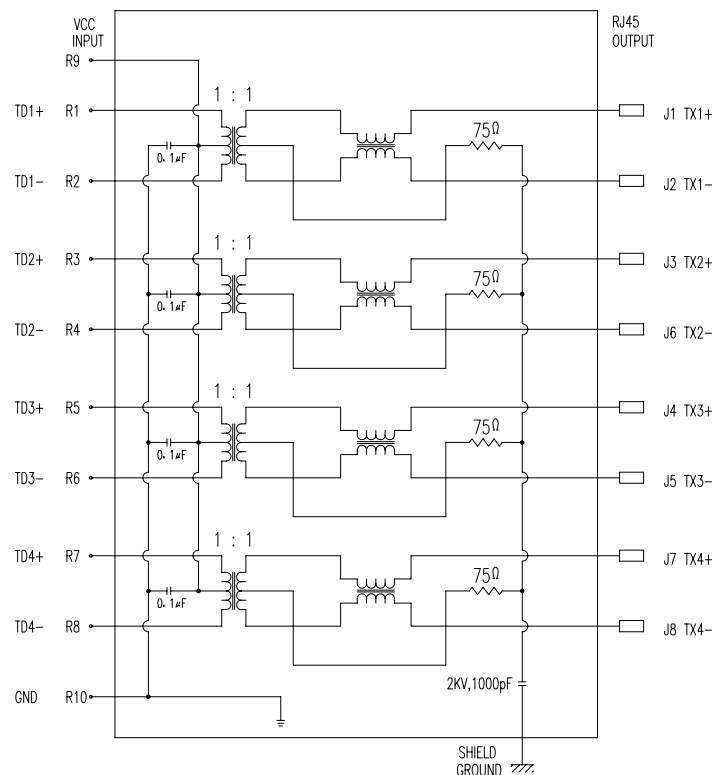
VCOHU 苏州沃虎电子科技有限公司
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REACH & RoHS
COMPLIANT

SCHEMATIC RV1



ELECTRICAL SPECIFICATIONS AT 25°C

Insertion Loss dB max	Return Loss dB min		Crosstalk(dB TYP)	Common Mode Rejection (dB TYP)	Hipot(vrms)
1-125MHz	1-30MHz	30- 80MHz	1- 100MHz	1-100MHz	
-1.2	-18	-18+20log(f/30MHz)	-30	-30	1500/0.5mA OR 2250DC/0.1mA

DESCRIPTION

ELECTRICAL: RJ45 With internal Magnetics Connector

Design 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

OCL: 100KHz 100mV 8mA 350uH Min; TURNS RATIO: 10KHz 1V TRD1/2/3/4 1CT: 1CT ±2%

HI-POT: IN PUT TO OUT PUT 2250V DC 60Sec; OUT PUT TO SHIELD 2250V DC 60Sec

RoHS peak wave solder temperature rating 260°C 5sec

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

INSERTION FORCE: 8 CONTACTS--900g, 10 CONTACTS--1050g

RETENTION STRENGTH: 7.7Kgs BETWEEN JACK AND PLUG

DURABILITY: 750 MATING CYCLES Mini

MATERIAL: HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)

2) GLASS FILLED PA46/PA6T/PA9T/LCP<265°C> (UL 94V-0)

3) GLASS FILLED PBT/PA/ABS/PC (UL 94V-0)

SPRING WIRE: 0.25-0.35mm THICKNESS PHOSPHOR BRONZE ALLOY ; BOTTOM LAYER NICKEL (30-50µ")

BETWEEN RIGHT TIN (60-120µ"); OVER SELECTIVE GOLD PLATING

GOLD PLATING: 3µ", 6µ", 15µ", 30µ", 50µ"

Signal pin: 0.4*0.4 THICKNESS COPPER ALLOY WITH BOTTOM LAYER NI 30~50U" OVER BRIGHT TIN 60~120U"

SHIELDING: 0.2-0.24mm THICKNESS COPPER ALLOY WITH HALF BRIGHT NICKEL (50-100µ") PLATED

Storage: -40°C~85°C Relative Humidity<70%

Operating: 0°C~+70°C

TITLE:
2X4 GY-Y LED EMI

PART NO.:
WH59G8284623C12

REMARK:

SIZE
A4

SCALE
1:1

SHEET
2/2

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

DESIGNED BY:
Sunny.Xu

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