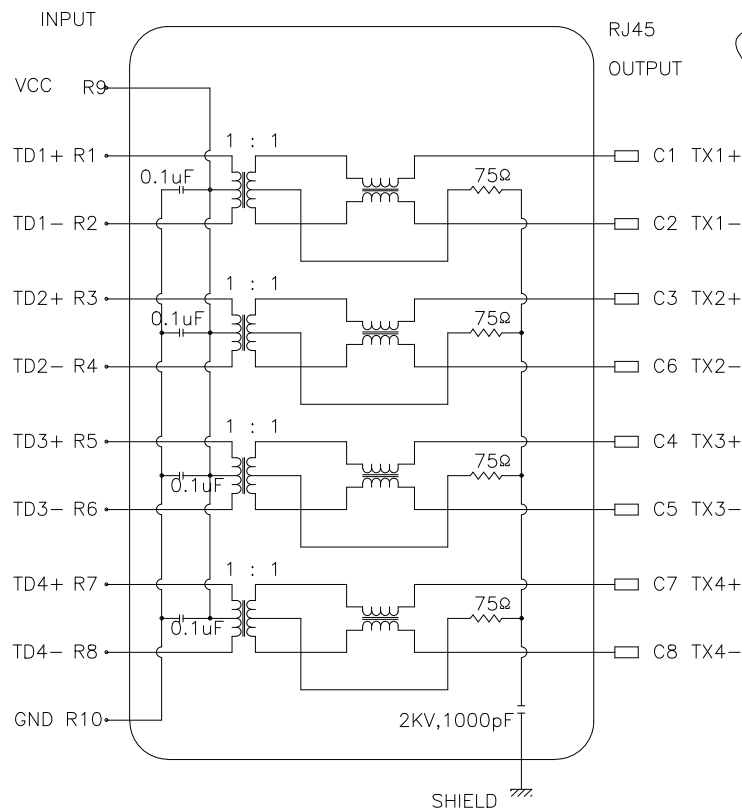


REACH & RoHS
COMPLIANT

Meets or exceeds IEEE 802.3 standard for 10/100/1000 Base-T
350 uH minimum OCL with 8mA DC bias current
Available with or without LEDs
Minimum 1500Vrms isolation per IEEE802.3 requirement
Operating temperature -40°C to +85°C
Storage temperature -40°C to +85°C

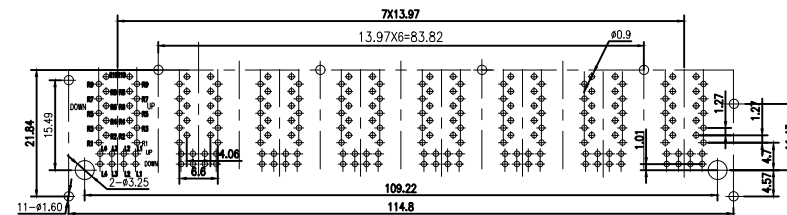
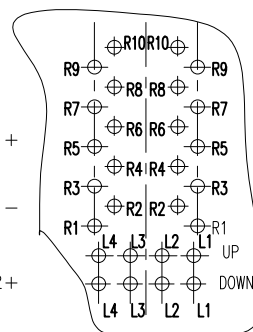
3.SCHEMATIC:



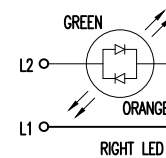
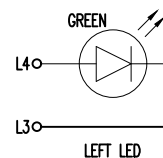
2. TRANSFORMER ELECTRICAL SPECIFICATIONS AT 25°C:

Insertion Loss (dB max.)	Return Loss (dB min.)				Cross talk (dB min.)			C.M.R. (dB min.)		Hi - pot (Vrms)
1-125MHz	1-30 MHz	30-60 MHz	60-80 MHz	80-100 MHz	1-30 MHz	30-60 MHz	60-100 MHz	10-60 MHz	60-100 MHz	60Hz/1min.
-1.2	-18	-16	-12	-10	-40	-35	-30	-40	-30	1500

4.Pin Assignment For PCB Layout



Suggested PCB Pad Layout
Component Side View



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 Specification



TITLE:10/100/1000BASE 2X8 Port W/SHELL W/LED

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:	WH59G8288623C12
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SCALE
1:1

REV
A0

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

$x^{\circ} \pm 3.0^{\circ}$
$.x^{\circ} \pm 2.0^{\circ}$
$.xx^{\circ} \pm 1.5^{\circ}$
$.xxx^{\circ} \pm 1.0^{\circ}$

CHECKED BY:	Elvis.Song
DESIGNED BY:	Sunny.Xu

TEL: +86 400 1048 018

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REMARK:

SHEET
2/2

