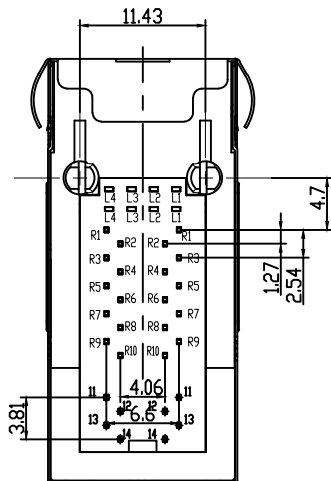


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APPROVED BY:	Geoffrey.Song
CHECKED BY:	Elvis.Song
DESIGNED BY:	Sunny.Xu

MATERIAL: 3) GLASS FIBRE 131 (CE 347 5)
 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;
 GOLD PLATING: 3μ", 6μ", 15μ", 30μ", 50μ"
 TOLERANCES UNLESS OTHERWISE SPECIFIED :
 0-10±0.15, 10-20±0.2, 20-40±0.25, 40-70±0.3, ≥70±0.4

Technical drawing of a Standard Modular Plug Assembly, showing front and side views with dimensions and labels.

Front View Dimensions:

- Overall Width: 4.88 ± 0.10
- Top Flange Width: 2.6
- Top Flange Height: 0.99 MIN
- Bottom Flange Height: 5.28 ± 0.10
- Bottom Flange Radius: $R0.4$
- Bottom Flange Thickness: 1.65 MAX
- Bottom Flange Width: $11.58 \sim 11.83$

Side View Dimensions:

- Overall Height: 6.02 ± 0.13 Crimp Height
- Top Flange Height: 1.06 MAX
- Top Flange Width: 2.34 MAX
- Top Flange Thickness: 0.89 MIN
- Top Flange Width: 12.32 MIN
- Top Flange Thickness: 5.89
- Top Flange Width: 2.21 ± 0.10

Labels:

- Locking Latch
- Housing
- Terminal
- Cable
- Conductor Wire

Notes:

- All contacts recessed below top of housing and must be at the same height approximately.
- All dimensions follow : FCC subpart F, 68,500, Figure (C)(2)(i) IEC 60603-7

STANDARD MODULAR PLUG ASSEMBLY

All dimensions follow :
FCC subpart F, 68,500, Figure (C)(2)(i)
IEC 60603-7

STANDARD MODULAR PLUG ASSEMBLY

VCOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

TITLE: 2X1Port 10/100/1000 BASE-T
PART NO.: WH59GP870E1323C12
REMARK: PoE W /SHELL W/LED

SIZE
A4
SCALE
1:1
SHEET
1/2

UNITS
MM[INCH]
REV
A0

The symbol for third angle projection, consisting of a circle with a horizontal line passing through its center and a truncated cone (frustum) attached to the right side of the circle.

GENERAL TOLERANCES UNLESS SPECIFIED	
x±0.35	x°±3.0°
.x±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

APPROVED BY:	Geoffrey.Song
CHECKED BY:	Elvis.Song
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8

REACH & RoHS
COMPLIANT

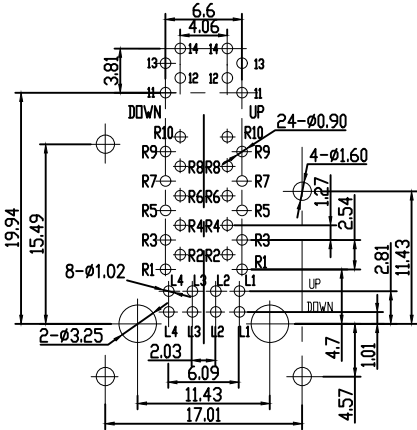
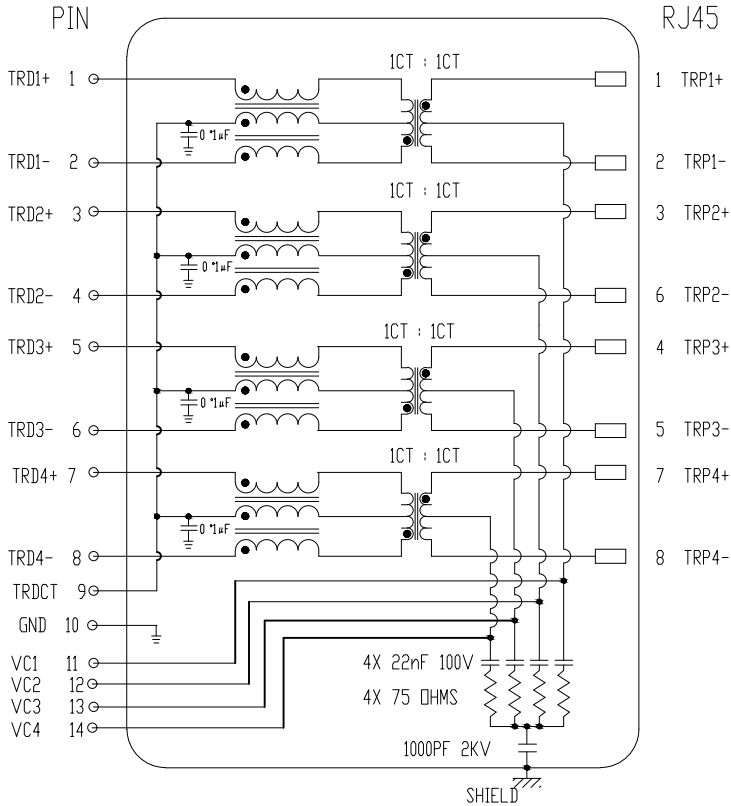
Meets or exceeds IEEE 802.3 standard for 10/100/1000 Base-T
350 uH minimum OCL with 8mA DC bias current
Available with or without LEDs
Minimum 1500Vrms isolation per IEEE802.3 requirement
PoE rating: 720mA MAX @57VDC continuous
Operating temperature -40°C to +85°C
Storage temperature -40°C to +85°C

2.TRANSFORMER ELECTRICAL SPECIFICATIONS AT 25°C;

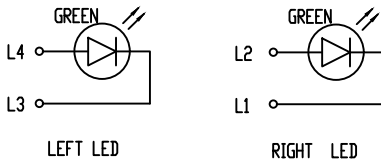
Insertion Loss (dB max.)	Return Loss (dB min.)				Cross talk (dB min.)			C.M.R. (dB min.)		Hi - pot (Vrms)
1-125MHz	1-30 MHz	30-60 MHz	60-80 MHz	80-100 MHz	1-30 MHz	30-60 MHz	60-100 MHz	10-60 MHz	60-100 MHz	60Hz/1min.
-1.2	-18	-16	-12	-10	-40	-35	-30	-40	-30	1500

3.SCHEMATIC:

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	560-580nm	2.5V	2.1-2.2V	9-25MCD
Yellow	580-610nm	2.5V	2.1-2.2V	9-30MCD

LED Specification

VOOHU 苏州沃虎电子科技有限公司
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TITLE:
2X1Port 10/100/1000 BASE-T

PART NO.:
WH59GP870E1323C12

REMARK:
PoE W /SHELL W/LED

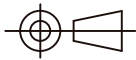
SIZE
A4

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

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CHECKED BY:
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DESIGNED BY:
Sunny.Xu