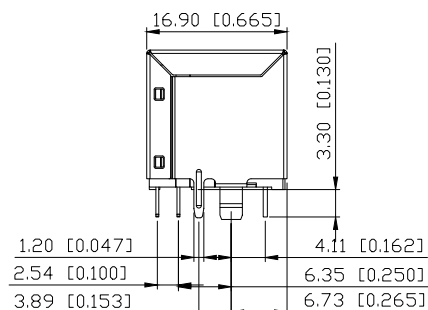
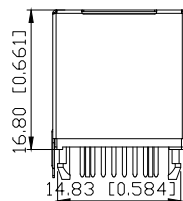
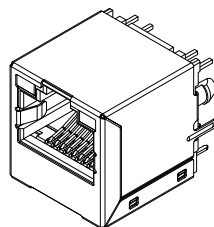
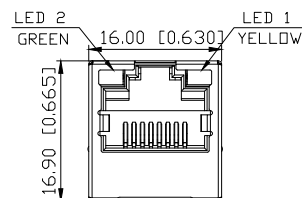


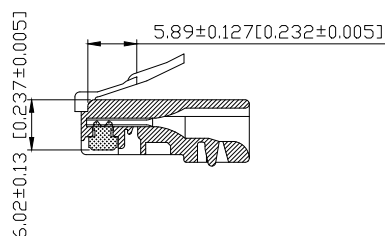


REV:	ECN. NO.	NAME	DATE
A0	-----	NEW RELEASE	02-04-2025

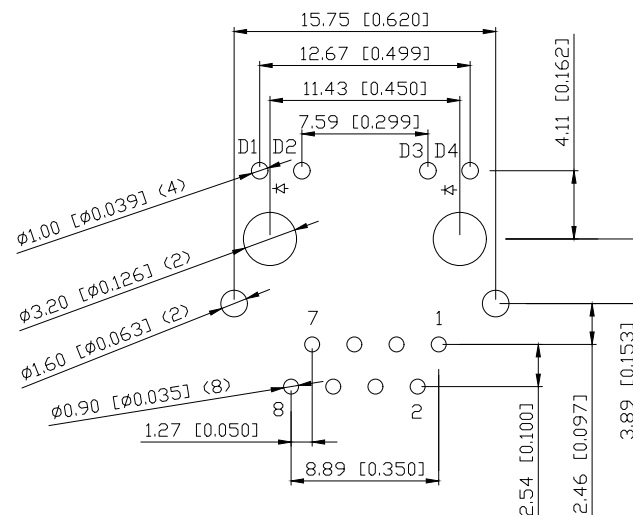
1. MECHANICAL DIMENSIONS :



RECOMMENED PLUG DIMENSION:



2. PCB LAYOUT :



SUGGESTED PCB LAYOUT (TOP VIEW)

NOTES:

- MATERIAL:
HOUSING: HIGH TEMPERATURE PBT UL94V-0 BLACK
CONTACTS: T=0.35mm, PHOSPHOR BRONZE,
NICKEL 50μ*MIN UNDERPLATE ON ALL AREA,
TIN 80μ*MIN ON TERMINATION END,
GOLD 6U ON CONTACT AREA.
SHIELD: T=0.20mm, NICKEL 30μ*MIN PLATING
- OPERATING TEMPERATURE : 0°C~70°C
STORAGE TEMPERATURE : -40°C~85°C
- CAVITY CONFORMS TO FCC RULES AND REGULATIONS
PART 68, SUBPART F.

TOLERANCE UNSPECIFIED

.0	±
.00	±
.000	±
ANGLE	± 3.°
MANUFACTURING COPY	



勇于创新，志在连接
FOR YOUR VITAL CONNECTION

TITLE:

RJ45 Connectors, W/LED, 8P, 8C,
100 Mbps /FILTER

DRAWN BY: Zou Long

PART NO:

J11VH5153NPF1

REV: A0

CHECKED BY: Bob

SIZE: A4

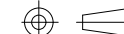
UNIT:mm

SHEET:1 OF 2

FCN: F1

APPROVED BY: QPF

PROJECTION



<http://www.vitalconn.com>

For technical support, please send an email to support@vitalconn.com

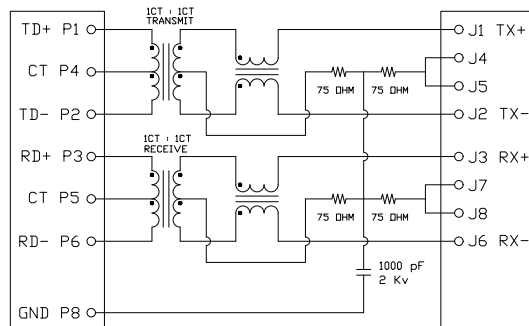


REV:	ECN. NO.	NAME	DATE
A0	-----	NEW RELEASE	02-04-2025

3. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



4. ELECTRICAL CHARACTERISTICS :

TEST NOTES:($25 \pm 5^{\circ}\text{C}$)

1.TR:(100KHz,0.1V);

INPUT TO OUTPUT= $1:1 \pm 3\%$

2.LX:(100KHz,100mV,8mA, DC Bias)

350uH MINIMUM

3.DCR:

1.2 OHMS MAXIMUM

4.HIPOT:

INPUT TO OUTPUT=1500VAC FOR 60 SECONDS

5.INSERTION LOSS:

-1.0dB MAXIMUM AT 0.3MHz TO 100MHz;

6.RETURN LOSS:

-20dB MINIMUM AT 1MHz TO 30MHz;

-15dB MINIMUM AT 30MHz TO 60MHz

-10dB MINIMUM AT 60MHz TO 80MHz

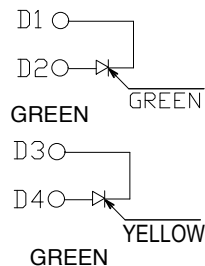
7.CROSS TALK:

-30dB MINIMUM AT 1MHz TO 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB MINIMUM AT 1MHz TO 100MHz

5. LED CONFIGURATION :



For technical support, please send an email to support@vitalconn.com

TOLERANCE UNSPECIFIED

.0 ±
.00 ±
.000 ±
ANGLE ± 3.°
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a vital connector company

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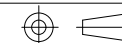
SHEET:2 OF 2

FCN: F1

APPROVED BY:

QPF

PROJECTION



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