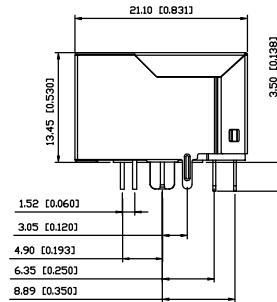
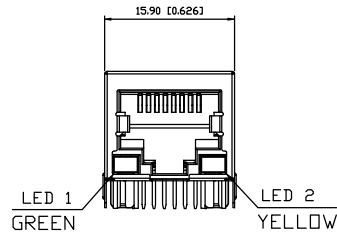
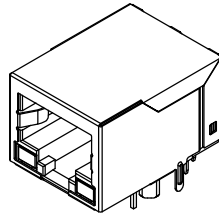
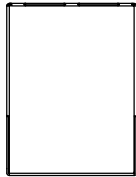


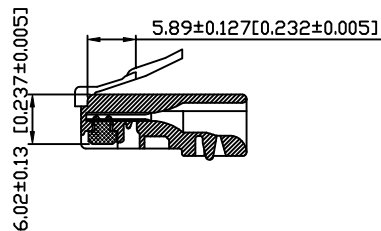
RoHS Compliant 

REV:	ECN. NO.	NAME	DATE

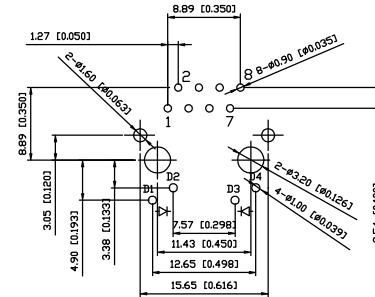
1. MECHANICAL DIMENSIONS :



RECOMMENDED PLUG DIMENSION:



2. PCB LAYOUT :



SUGGESTED PCB LAYOUT (TOP VIEW)

NOTES:

1. MATERIAL:

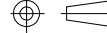
HOUSING: HIGH TEMPERATURE PBT UL94V-0 BLACK

CONTACTS: T=0.35mm, PHOSPHOR BRONZE,
NICKEL 50μMIN UNDERPLATE ON ALL AREA,
TIN 80μMIN ON TERMINATION END,
GOLD FLASH ON CONTACT AREA.

SHIELD: T=0.20mm, NICKEL 30μMIN PLATING

2. OPERATING TEMPERATURE : 0°C~70°C
STORAGE TEMPERATURE : -40°C~85°C

3. CAVITY CONFORMS TO FCC RULES AND REGULATIONS
PART 68, SUBPART F.

TOLERANCE UNSPECIFIED		 a vital connector company		FOR YOUR VITAL CONNECTION	
.0	±0.38			RJ45 Connectors, W/LED, 8P, 8C, 100 Mbps /FILTER	
.00	±0.25	TITLE:		RJ45 Connectors, W/LED, 8P, 8C, 100 Mbps /FILTER	
.000	±0.10	TITLE:		RJ45 Connectors, W/LED, 8P, 8C, 100 Mbps /FILTER	
ANGLE	±3.00°	TITLE:		RJ45 Connectors, W/LED, 8P, 8C, 100 Mbps /FILTER	
MANUFACTURING COPY		TITLE:		RJ45 Connectors, W/LED, 8P, 8C, 100 Mbps /FILTER	
DRAWN BY:	QSY	PART NO:	J11GH4A41NPF1	REV:	A
CHECKED BY:	VIT	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION		SHEET:	1 OF 2
				FCN:	F1
				http://www.vitalconn.com	

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

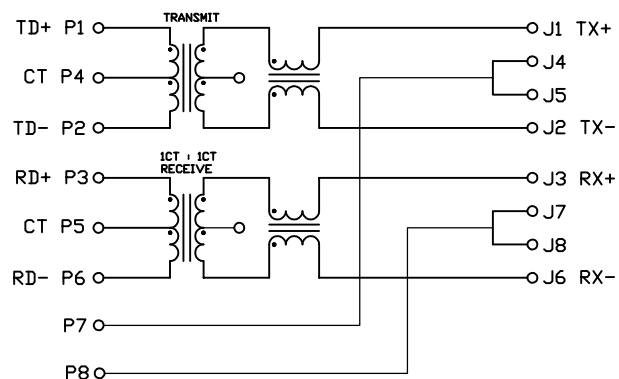
RoHS Compliant 

REV:	ECN. NO.	NAME	DATE

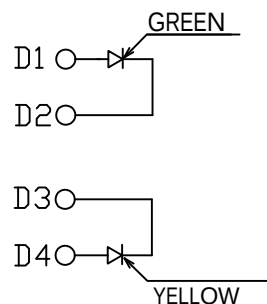
3. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



5. LED CONFIGURATION :



4. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25±5°C)

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

INPUT TO OUTPUT=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)
350uH MINIMUM

3.DCR:
1.2 OHMS MAXIMUM

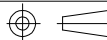
4.HIPOT:
INPUT TO OUTPUT=1500VAC FOR 60 SECONDS

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

TOLERANCE UNSPECIFIED .0 ±0.38 .00 ±0.25 .000 ±0.10 ANGLE ±3.00° MANUFACTURING COPY		VITALCONN a vital connector company		FOR YOUR VITAL CONNECTION	
		TITLE:	RJ45 Connectors, W/LED, 8P, 8C, 100 Mbps /FILTER		
DRAWN BY:	QSY	PART NO:	J11GH4A41NPF1		REV: A
CHECKED BY:	VIT	SIZE: A4	UNIT:mm	SHEET: 2 OF 2	FCN: F1
APPROVED BY:	QPF	PROJECTION			http://www.vitalconn.com

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