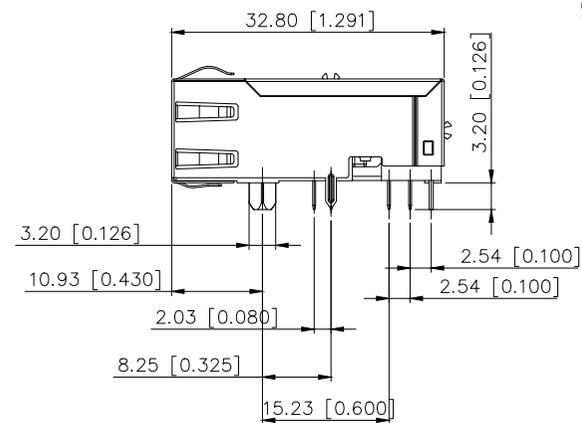
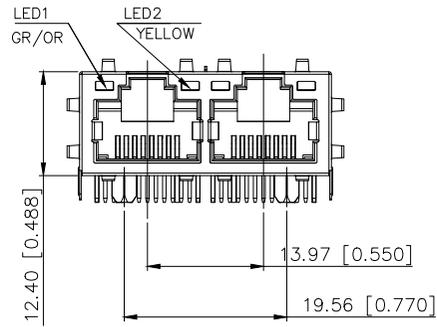
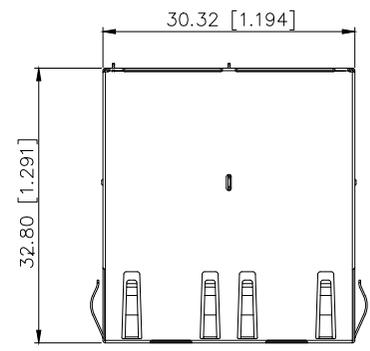


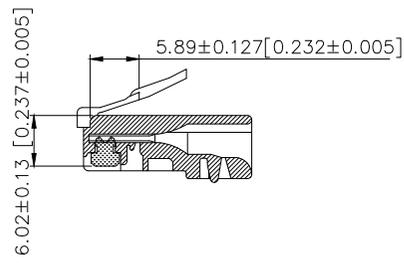


REV:	ECN. NO.	NAME	DATE

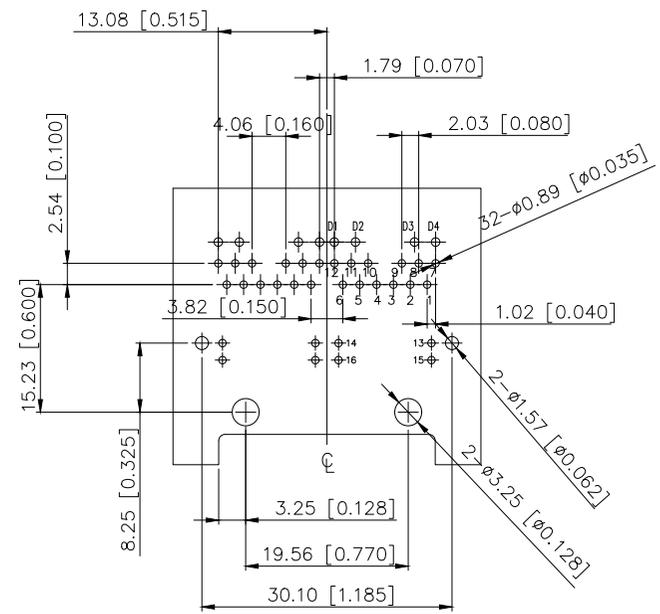
1. MECHANICAL DIMENSIONS :



RECOMMENED PLUG DIMENSION:



2. PCB LAYOUT :



SUGGESTED PCB LAYOUT (TOP VIEW)

- NOTES:
- MATERIAL:
 - HOUSING: HIGH TEMPERATURE LCP UL94V-0 BLACK
 - CONTACTS: T=0.35mm, PHOSPHOR BRONZE, NICKEL 50u"MIN UNDERPLATE ON ALL AREA, TIN 80u"MIN ON TERMINATION END, 6U GOLD ON CONTACT AREA.
 - SHIELD: T=0.20mm, NICKEL 30u"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	
.	±0.50
.0	±0.38
.00	±0.25
.00	±0.10
ANGLE ±3.0°	
MANUFACTURING COPY	



FOR YOUR VITAL CONNECTION

TITLE: RJ45 Connectors, W/LED, 16P, 8C, 1000 Mbps /FILTER

DRAWN BY:	Zou Long	PART NO:	J12RG15N3DLF1	REV: A
CHECKED BY:	Bob	SIZE: A1	UNIT:mm	SHEET:1 OF 2
APPROVED BY:	QPF	PROJECTION		FCN: F1
For technical support, please send an email to support@vitalconn.com		http://www.vitalconn.com		

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

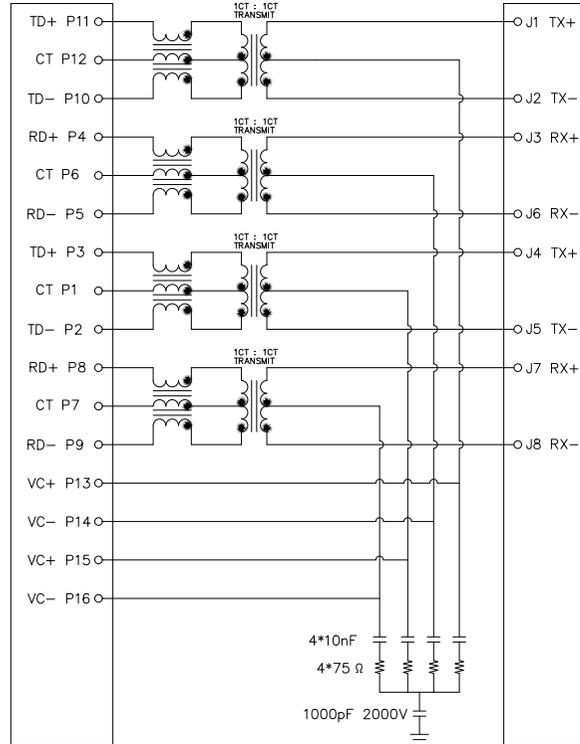


7		8	
REV:	ECN. NO.	NAME	DATE

3. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



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

5. LED CONFIGURATION :



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

TOLERANCE UNSPECIFIED		 a vital connector company		FOR YOUR VITAL CONNECTION	
.	±0.50			RJ45 Connectors, W/LED, 16P, 8C, 1000 Mbps /FILTER	
.0	±0.38	TITLE:		REV: A	
.00	±0.25	PART NO:		J12RG15N3DLF1	
.00	±0.10	SIZE: A1		UNIT:mm	
ANGLE ±3.0°		CHECKED BY: Bob		SHEET:2 OF 2	
MANUFACTURING COPY		APPROVED BY: QPF		FCN: F1	
DRAWN BY: Zou Long		PROJECTION		 http://www.vitalconn.com	