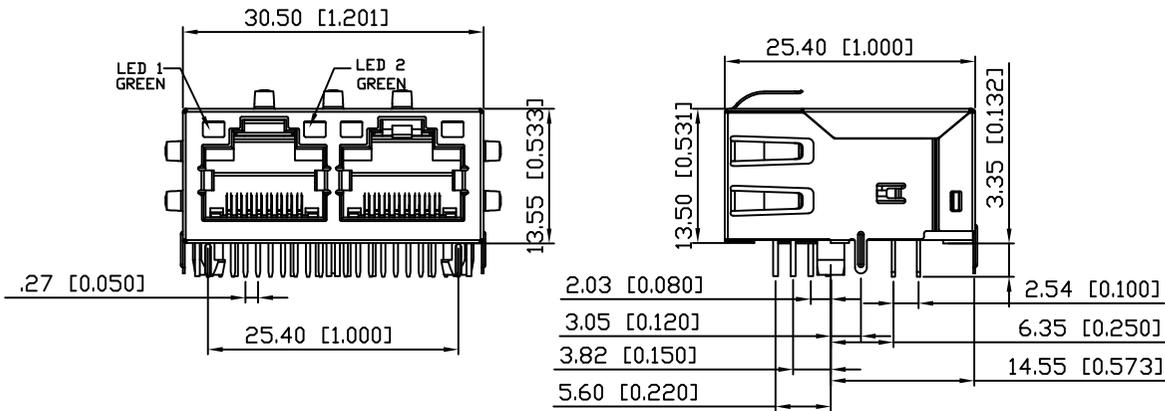
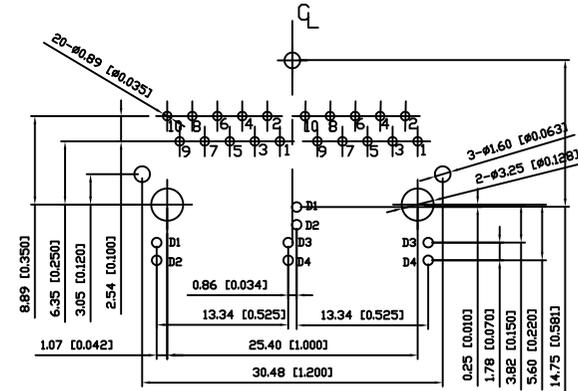
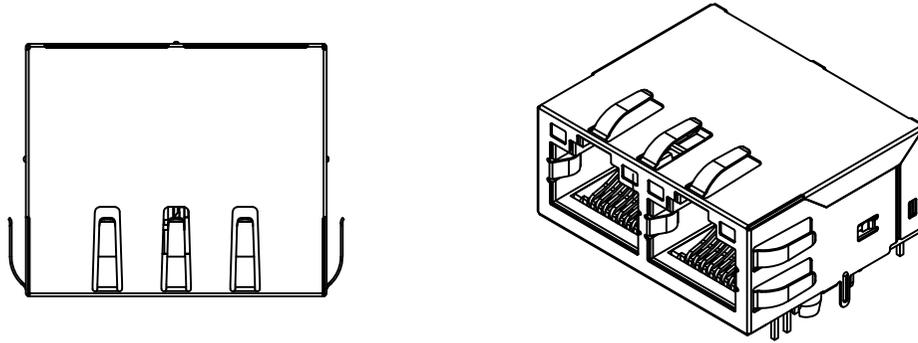




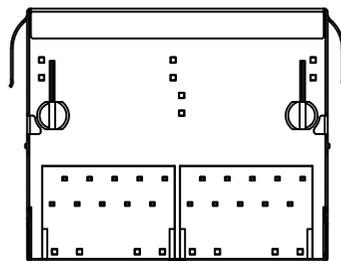
REV:	ECN. NO.	NAME	DATE

1. MECHANICAL DIMENSIONS :



NOTES:

- MATERIAL:
 - HOUSING: HIGH TEMPERATURE PBT 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 : -40°C~85°C
STORAGE TEMPERATURE : -40°C~85°C
- CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F



UNLESS OTHERWISE SPECIFIED TOLERANCES .X +/-0.35 X° +/-3.0° .XX +/-0.25 X° +/-2.0° .XXX +/-0.15 .XX° +/-1.0°		VITALCON a vital connector company		勇于创新, 志在连接 FOR YOUR VITAL CONNECTION	
TITLE:		RJ45 Connectors, W/LED, 10P, 8C 1000 Mbps /FILTR			
DRAWN BY:	Zou Long	PART NO:	J12HG2153DPF1	REV: A	
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

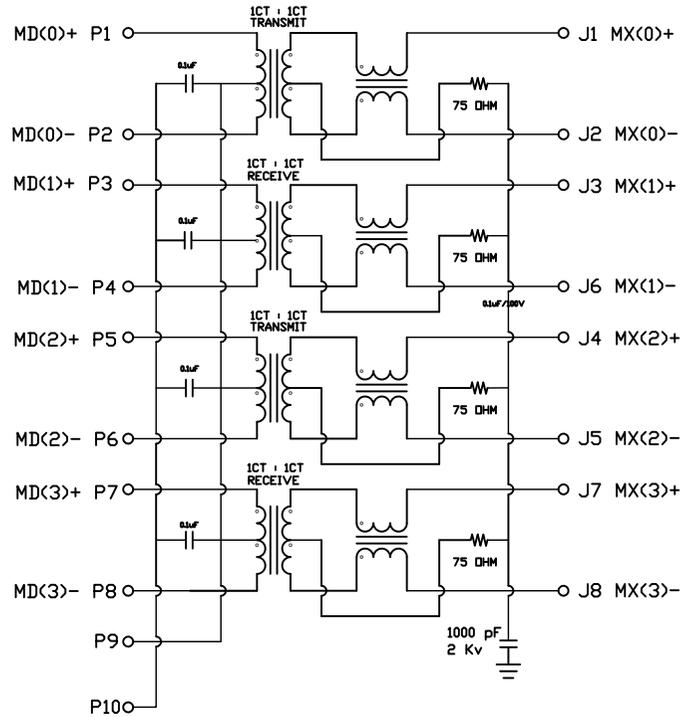


7		8	
REV:	ECN. NO.	NAME	DATE

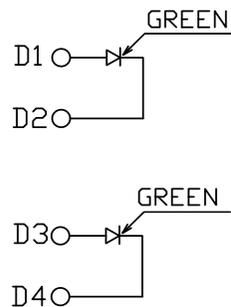
3. SCHEMATIC:

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

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