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RoHS



LED1 POLARITY			LED2 POLARITY		
PIN 15	PIN 16	COLOR	PIN 17	PIN 18	COLOR
-	+	YELLOW	+	-	ORANGE
			-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

CL @ 100kHz/100mVRMS

8mA DC BIAS	350µH MIN.
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INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

RET. LOSS (MIN)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CROSS TALK

1MHz - 60MHz	-35dB MIN
60MHz - 100MHz	-25dB MIN

CM TO CM REJ

100kHz - 100MHz	-30 dB MIN
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CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage):

1500 Vrms or 2250VDC

100% OF PRODUCTION TESTED TO COMPLY WITH

IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1

VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP.

LED 2

VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.

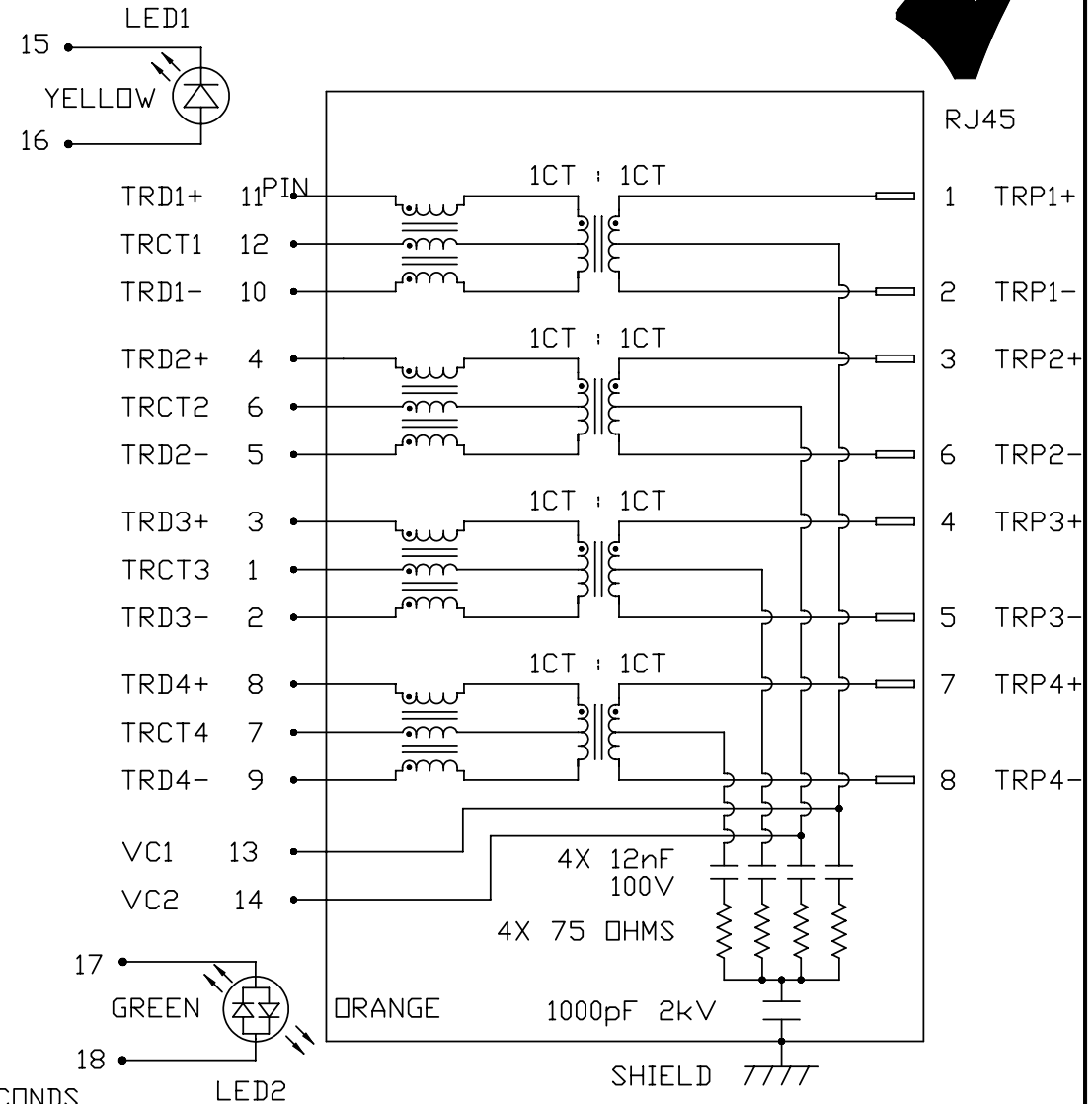
λD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.

ORANGE 610nm TYP.

BALANCED DC LINE CURRENT 350 mA MAX. @ 57 VDC CONTINUOUS

500 mA MAX. @ 57 VDC FOR 200 MILLISECONDS

SCHEMATIC

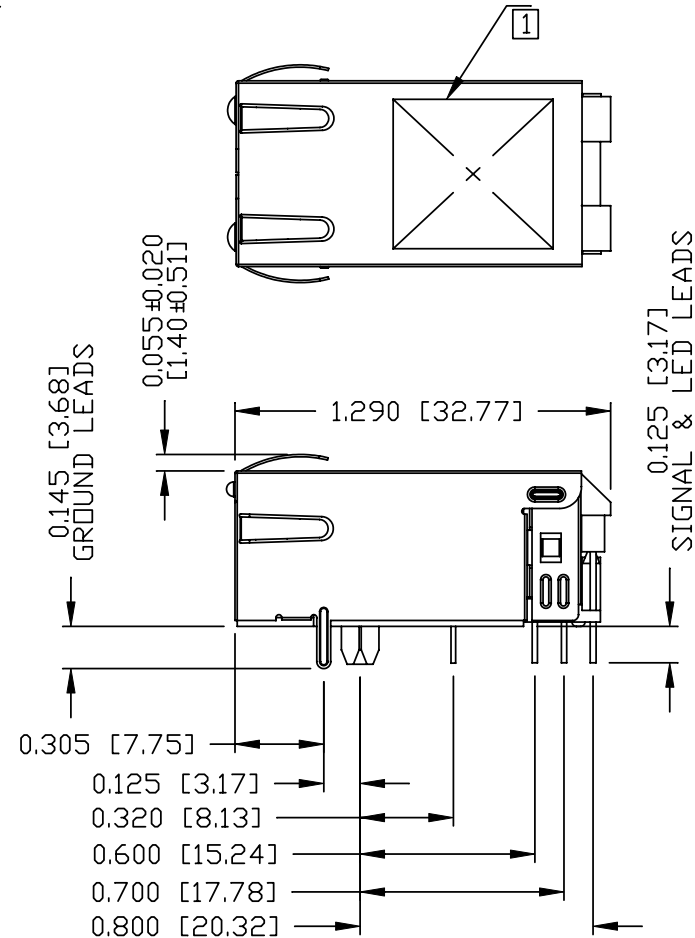
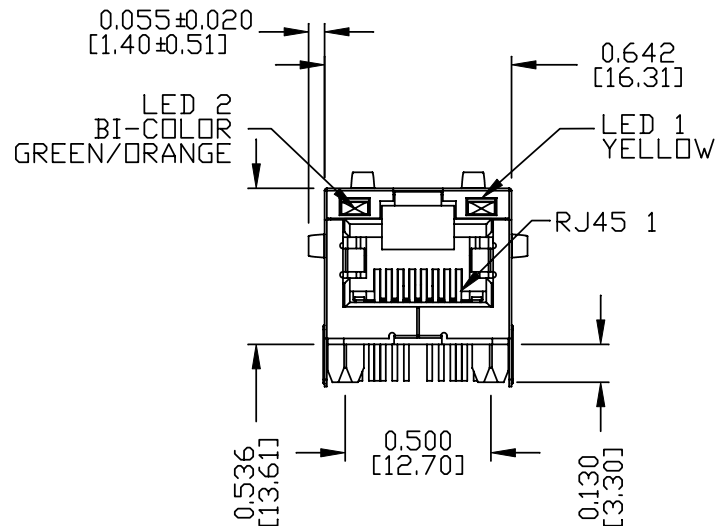


ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANCHUNG		2012-08-09			08261X1T80-F	TOL. IN INCH		UNIT : INCH [mm] REV. : D	
DRAWN BY		DATE	0826-1X1T-80-F PATENTED	FILE NAME	.X		SCALE : N/A		
TAN QIGUANG		2012-08-09			.XX		SIZE : A4		
					.XXX		PAGE : 2		

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MECHANICAL SPECIFICATION

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NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PA
FLAMMABILITY RATING UL 94V-0
- CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
- OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.016 AND DIA 0.018 INCH.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

[1] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.

1. THE PRODUCT IS UL RECOGNIZED - FILE #E196366 AND E169987.
2. THE PRODUCT IS RoHS COMPLIANT.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
3. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 7,123,117.

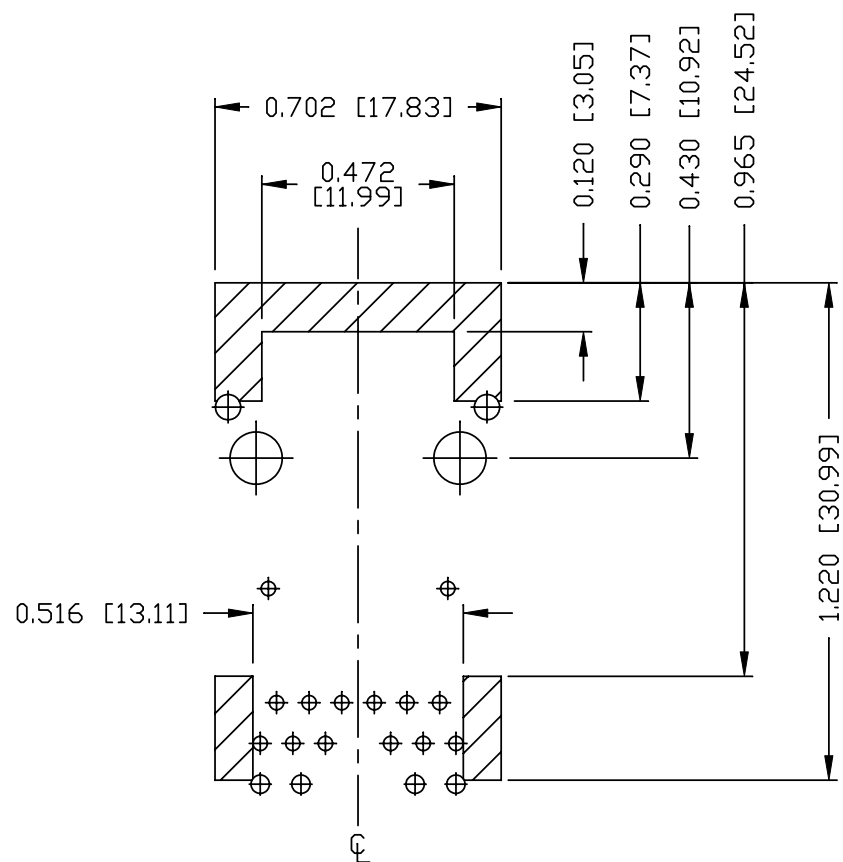
ORIGINATED BY ANTON LIAO	DATE 2012-08-09	TITLE gigabit MagJack® VOIP 0826-1X1T-80-F PATENTED	PART NO. / DRAWING NO. 08261X1T80-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY HE ZHEN	DATE 2012-08-09		FILE NAME 08261X1T80-F_D.DWG	.X		UNIT : INCH [mm]	REV. : D	
				.XX		SCALE : N/A	SIZE : A4	
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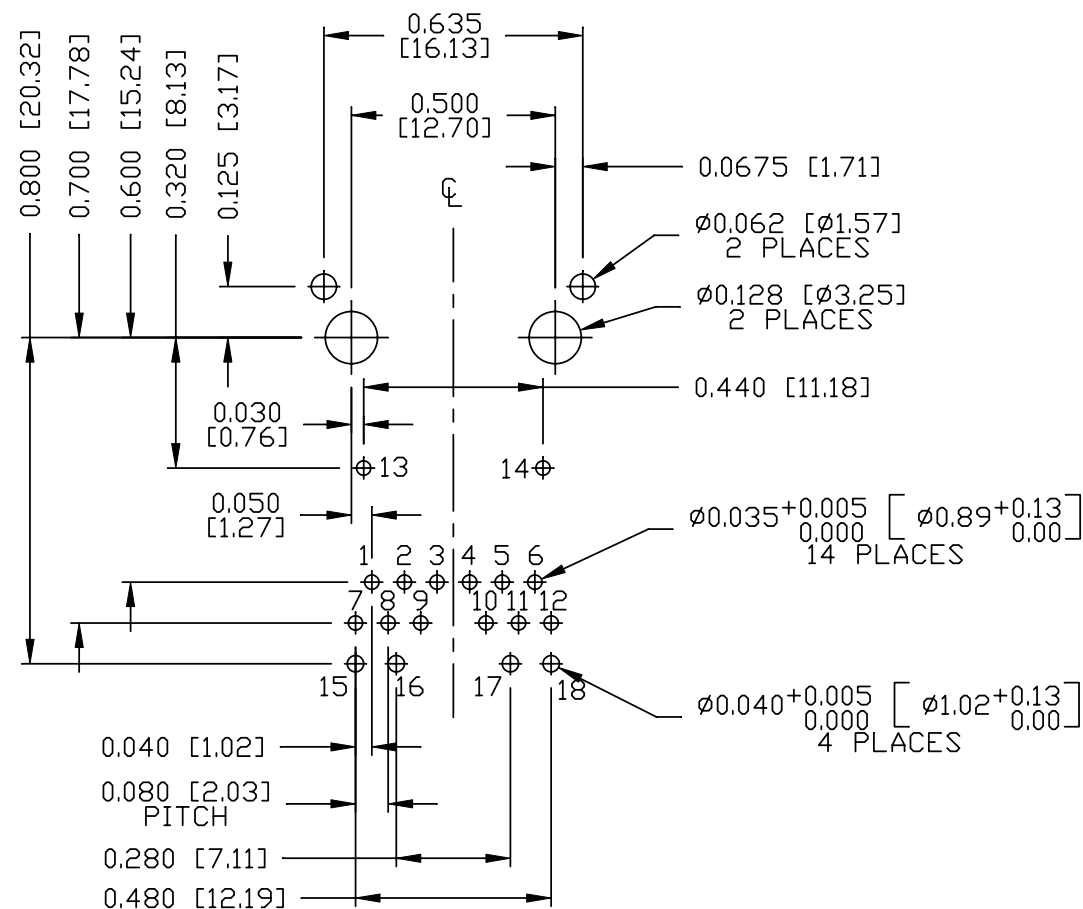


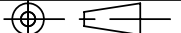
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



NOTES

THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.



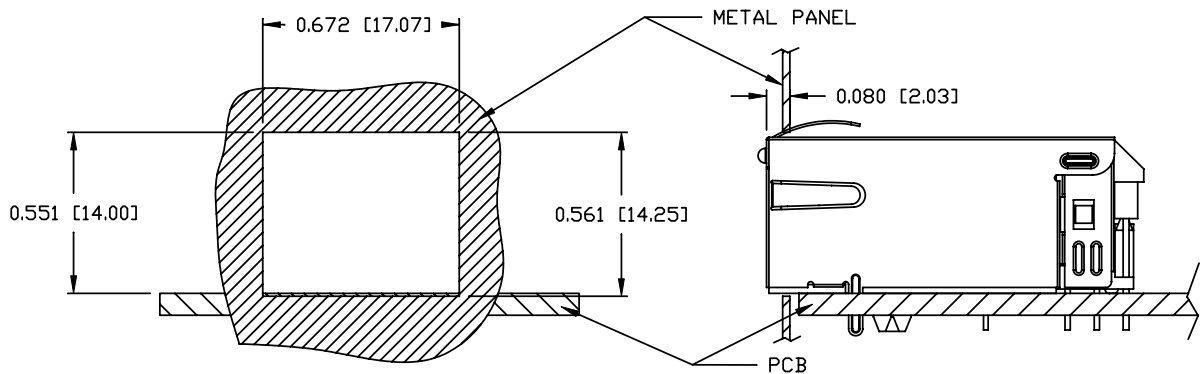
ORIGINATED BY ANTON LIAO	DATE 2012-08-09	TITLE gigabit MagJack® VQIP 0826-1X1T-80-F PATENTED	PART NO. / DRAWING NO. 08261X1T80-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
			FILE NAME 08261X1T80-F_D.DWG		.X .XX .XXX		UNIT : INCH [mm]	REV. : D	
DRAWN BY HE ZHEN	DATE 2012-08-09				±0.004		SCALE : N/A	SIZE : A4	
								PAGE : 4	

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SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-F6 (TOP)
0200-9999-F7 (BOTTOM)

PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY
10 TRAYS (400 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

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			FILE NAME 08261X1T80-F_D.DWG	.X		UNIT : INCH [mm]	REV. : D
DRAWN BY HE ZHEN	DATE 2012-08-09			.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 5

