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LED POLARITY			
PIN 12	PIN 11	PIN 10	COLOR
-	+	/	GREEN
/	+	-	YELLOW

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

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

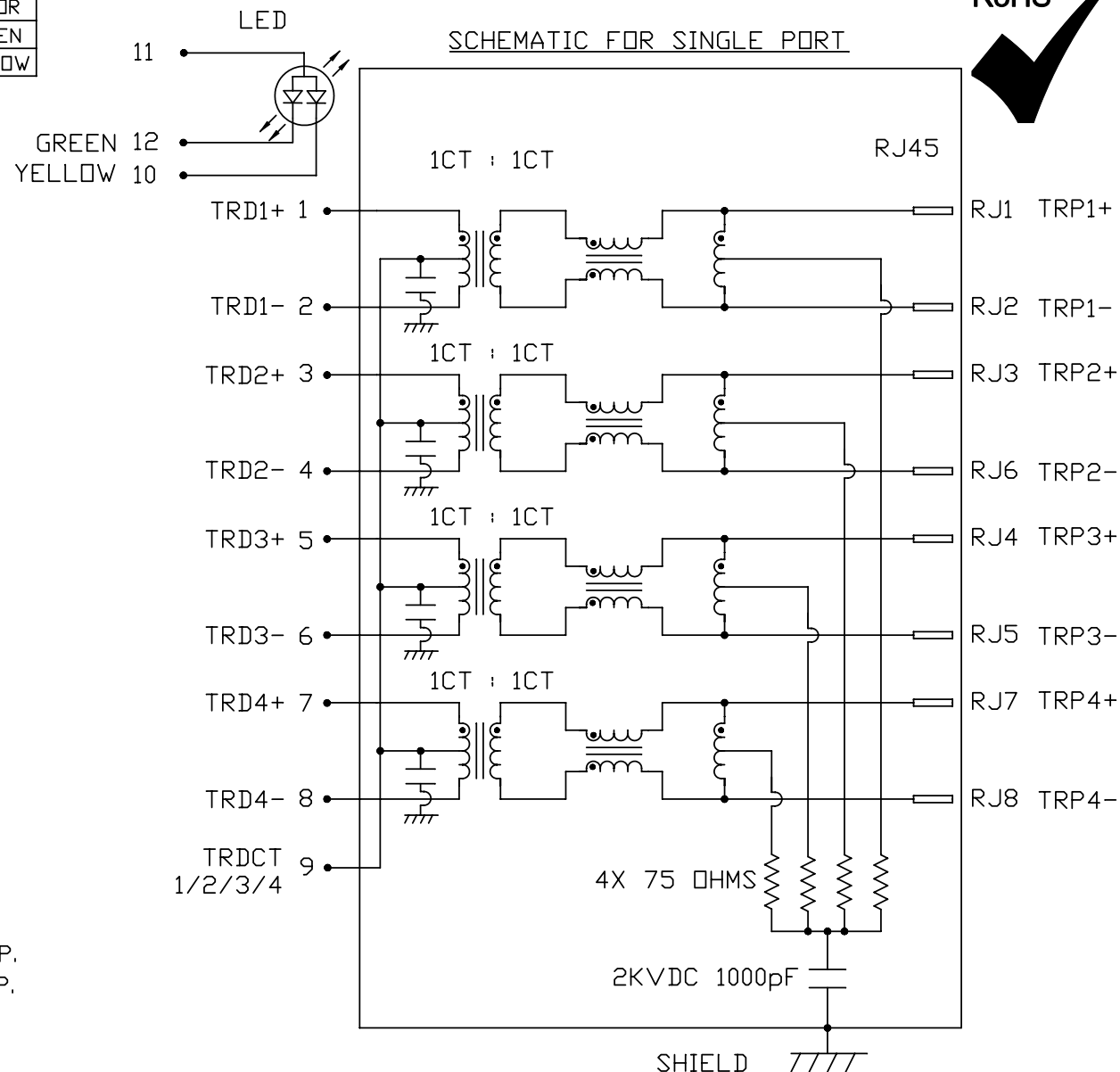
100% OF PRODUCT TESTED IN PRODUCTION TO COMPLY WITH IEEE 802.3 REQUIREMENTS

LED

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		YELLOW	590nm TYP.

NOTES:

SCHEMATIC & ELECTRICAL CHARACTERISTICS ARE IDENTICAL FOR PORT 1 & PORT 2.

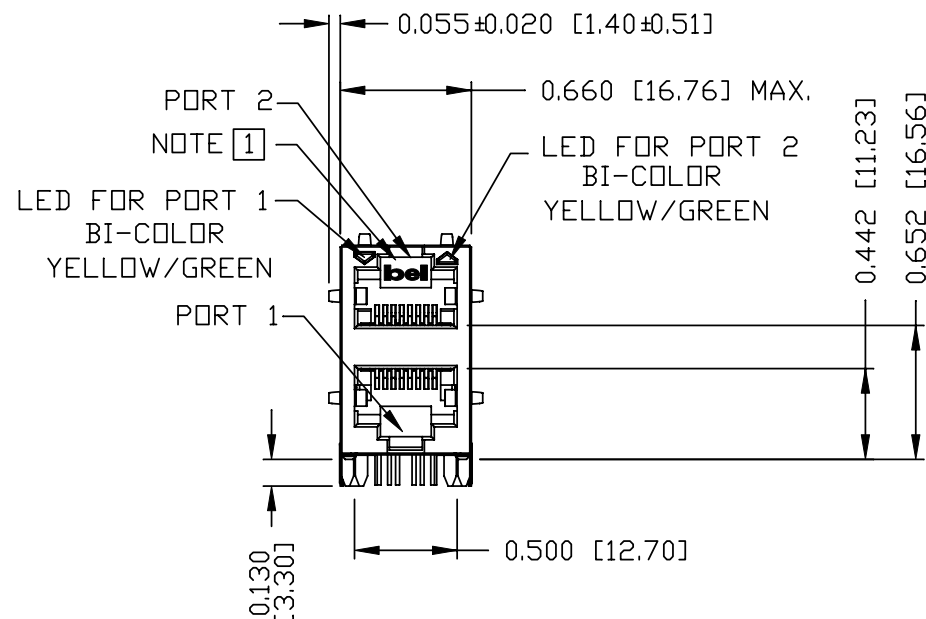
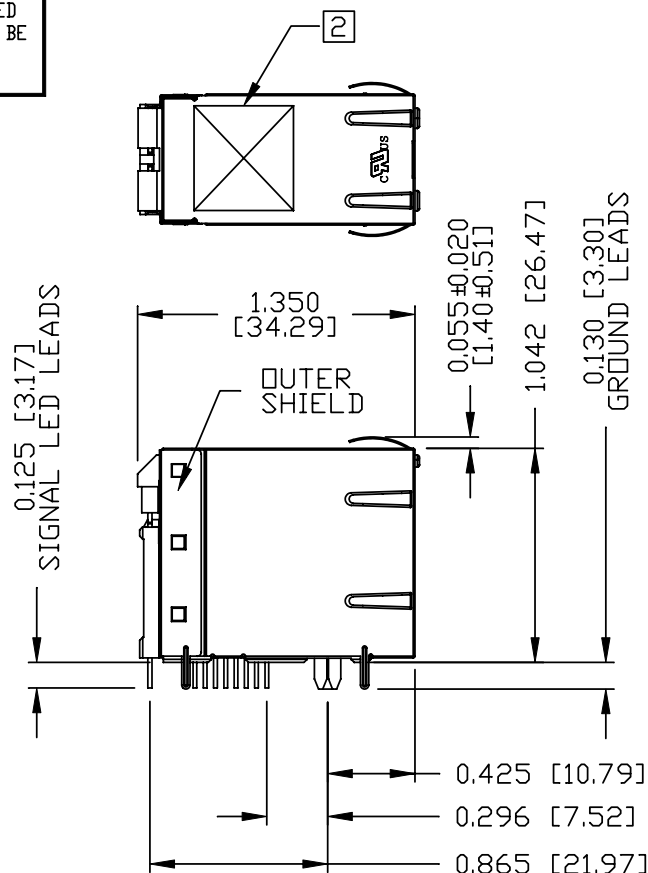


ORIGINATED BY CHOW WANCHUNG	DATE 2012-08-17	TITLE 2X4 glgabit MagJack® (with LED) 0843-2C1T-33-F PATENTED	PART NO. / DRAWING NO. 08432C1T33-F	STANDARD DIM. TOL. IN INCH .X .XX .XXX	[] METRIC DIM. AS REFERENCE	
					UNIT : INCH [mm]	REV. : B
DRAWN BY TAN QIGUANG	DATE 2012-08-17		FILE NAME 08432C1T33-F_B.DWG		SCALE : N/A	SIZE : A4
						PAGE : 2



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NOTES:

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

[1] JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

c UL RECOGNIZED - FILE #E196366 AND E169987.

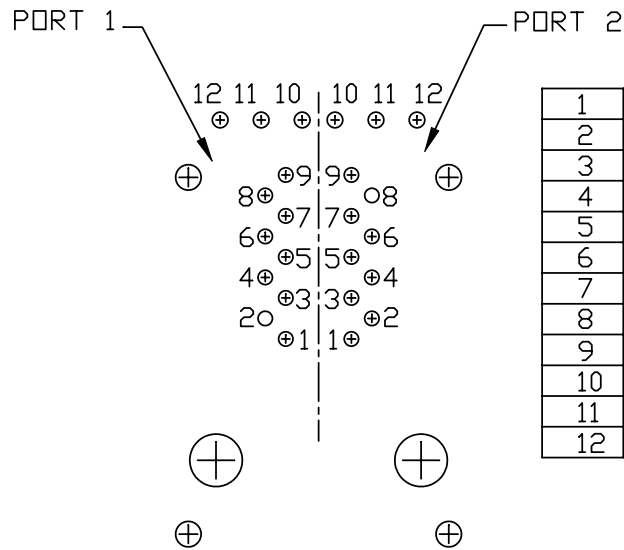
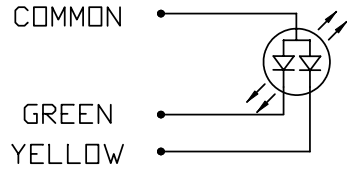
- [2] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.
 3. THE PRODUCT IS RoHS COMPLIANT.
 4. THE PRODUCT IS PATENTED, THE PATENT NUMBER ARE U.S. PAT. 6,840,817 AND U.S. PAT. 5,736,910.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
ANTON LIAO	2012-08-17	2X4 gigabit MagJack® (with LED) 0843-2C1T-33-F PATENTED	08432C1T33-F FILE NAME 08432C1T33-F_B.DWG	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 3
HE ZHEN	2012-08-17			.XXX	±0.010		





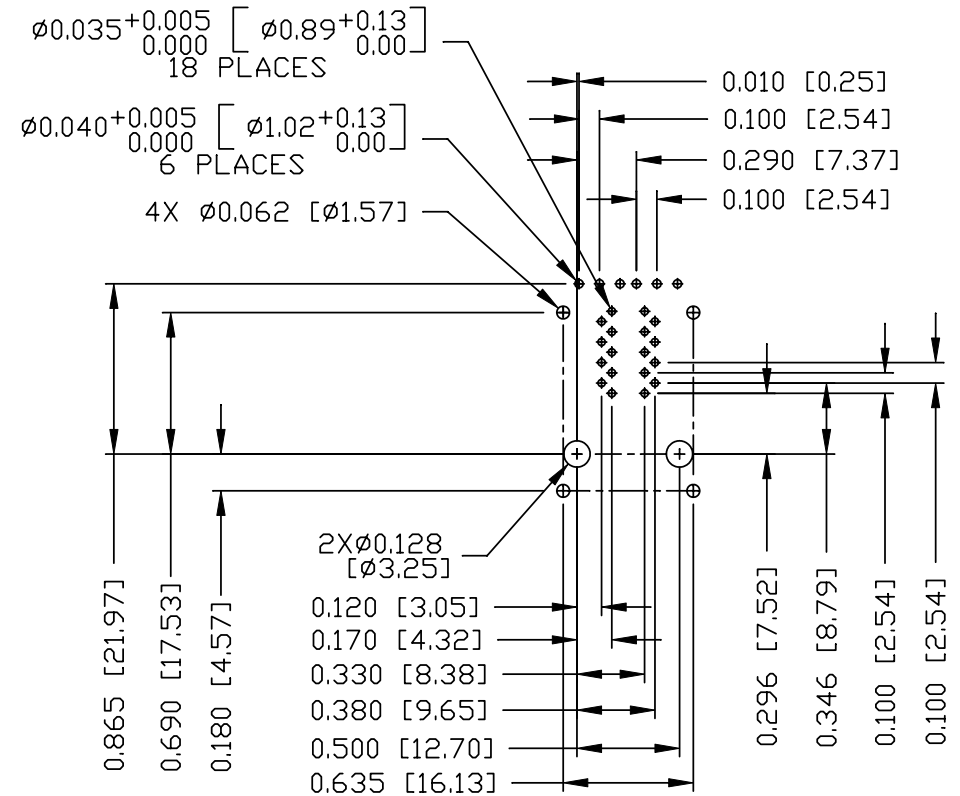
LED CONFIGURATION



1	TRD 1+
2	TRD 1-
3	TRD 2+
4	TRD 2-
5	TRD 3+
6	TRD 3-
7	TRD 4+
8	TRD 4-
9	TRDCT 1/2/3/4
10	YELLOW LED CATHODE
11	COMMON ANODE
12	GREEN LED CATHODE

PIN-OUT INFORMATION

(COMPONENT SIDE VIEW)

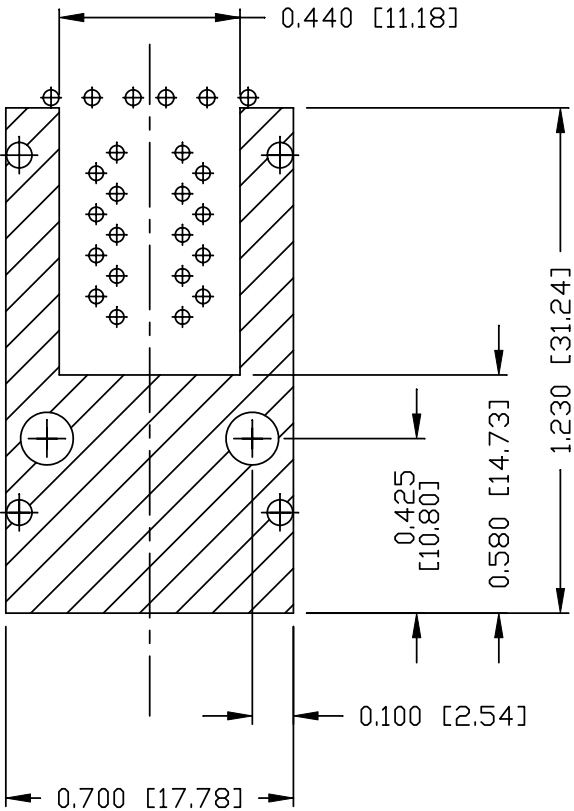


SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

ORIGINATED BY ANTON LIAO	DATE 2012-08-17	TITLE 2X4 gigabit MagJack® (with LED) 0843-2C1T-33-F PATENTED	PART NO. / DRAWING NO. 08432C1T33-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
DRAWN BY HE ZHEN	DATE 2012-08-17		FILE NAME 08432C1T33-F_B.DWG	.X .XX .XXX ±0.004	UNIT : INCH [mm] SCALE : N/A REV. : B SIZE : A4 PAGE : 4

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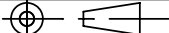
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SHIELD COVER AREA IN PCB

NOTES:

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

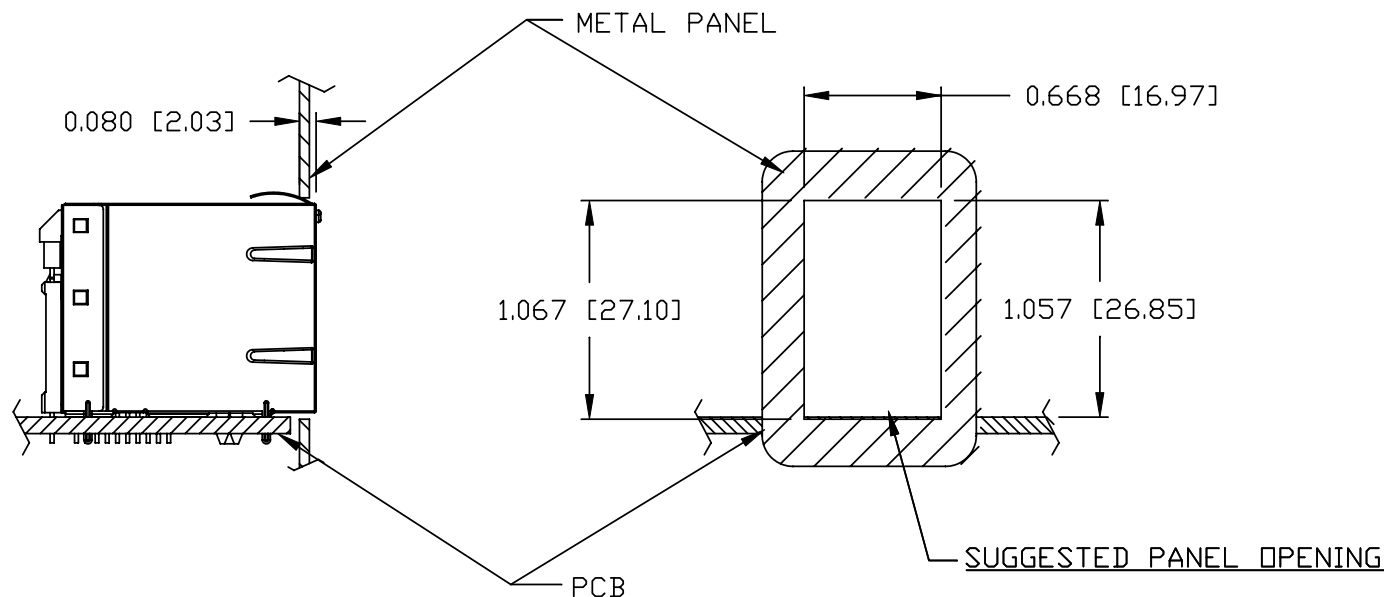
ORIGINATED BY		DATE	TITLE 2X4 gigabit MagJack® (with LED) 0843-2C1T-33-F PATENTED	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ANTON LIAO		2012-08-17		08432C1T33-F		TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A	SIZE : A4	
HE ZHEN		2012-08-17		08432C1T33-F_B.DWG		.XX			PAGE : 5	
						.XXX		±0.004		

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SUGGESTED PANEL OPENING



NOTE:

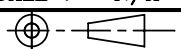
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY: 0200-0148-36 (TOP)
0200-0148-34 (BOTTOM)

PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY
6 TRAYS (240 PCS FINISHED GOODS) PER CARTON BOX.

NOTE: CARDBOARD ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.
(INCLUDE THE UPPERMOST AND LOWEREST TRAY)

ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
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HE ZHEN		2012-08-17			.XX				
					.XXX	±0.004		PAGE : 6	

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