

LED POLARITY		
PIN 11	PIN 12	COLOR
—	+	GREEN
+	—	ORANGE

TURNS RATIO

TP1	1CT	:	1CT	$\pm 2\%$
TP2	1CT	:	1CT	$\pm 2\%$
TP3	1CT	:	1CT	$\pm 2\%$
TP4	1CT	:	1CT	$\pm 2\%$

8mA DC BIAS 350μH MIN.

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

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20L _{OG} (f/80MHz) dB

100kHz - 100MHz -30 dB MIN

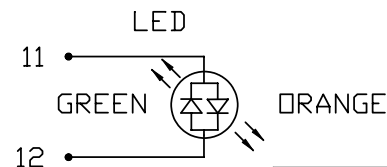
100kHz - 100MHz -35 dB MIN

1500 Vrms or 2250VDC

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

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.

AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.
ORANGE 610nm TYP.

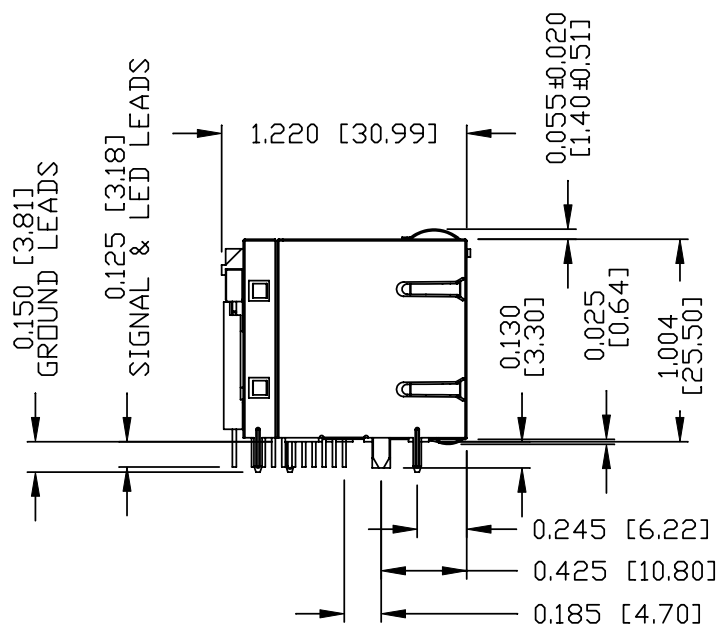


RJ45

ORIGINATED BY CHOW WANCHUNG	DATE 2012-08-20	TITLE 2X4 gigabit MagJack® (8 Cores, with LED) 0863-2X4R-54-F PATENTED	PART NO. / DRAWING NO. 08632X4R54-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS ON A CONNECTED PLANET
DRAWN BY TAN QIGUANG	DATE 2012-08-20		FILE NAME 08632X4R54-F_B.DWG		.X		UNIT : INCH [mm]	REV. : B	
					.XX		SCALE : N/A	SIZE : A4	
					.XXX			PAGE : 2	

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NOTES:

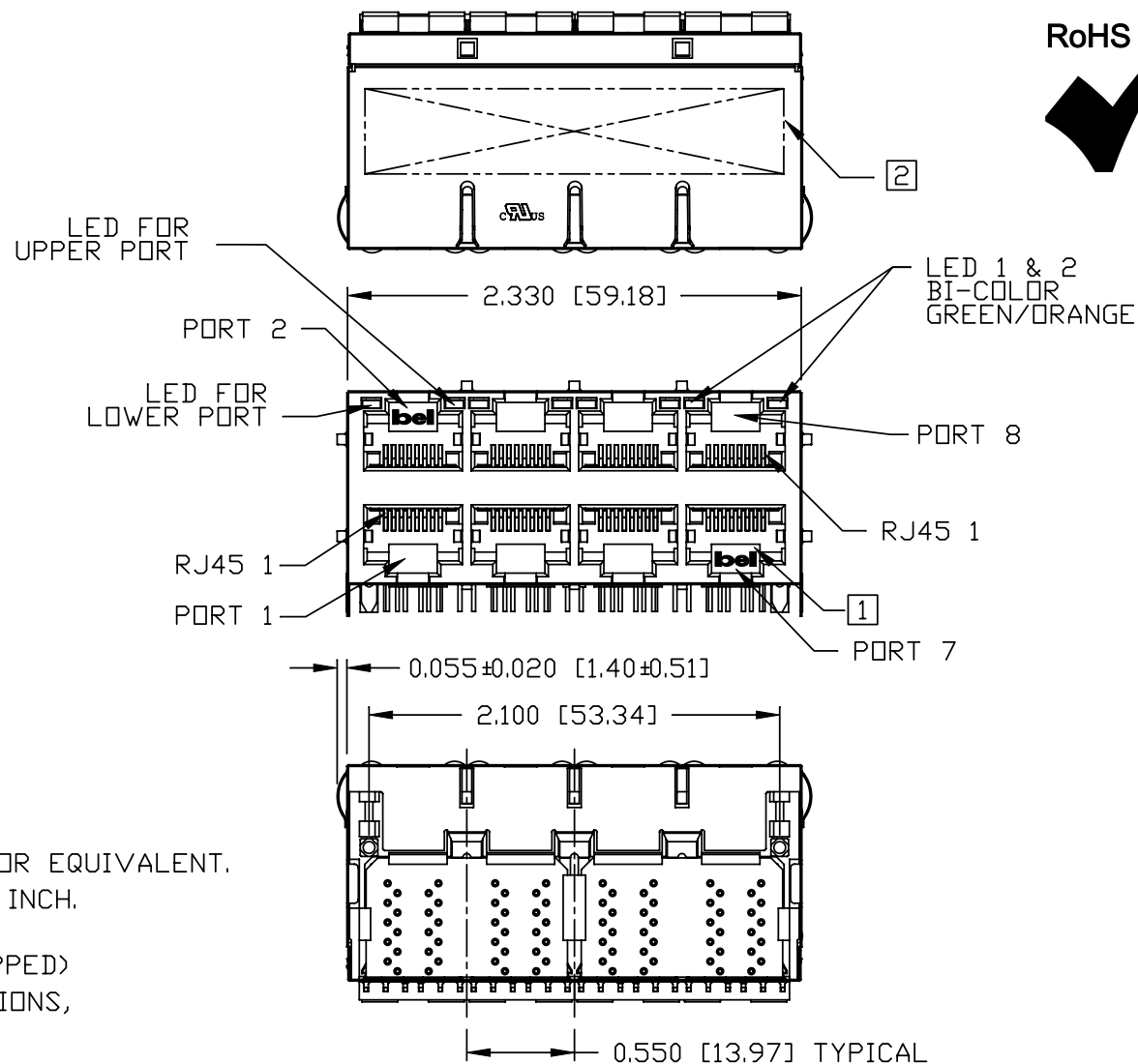
PLASTIC HOUSING: THERMOPLASTIC AT FLAMMABILITY RATING UL 94V-0
 CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
 OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
 METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
 (ALL GROUND LEADS ARE SOLDER DIPPED)

[1] JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.

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

c UL RECOGNIZED - FILE #E196366 AND E169987.

3. THE PRODUCT IS RoHS COMPLIANT.



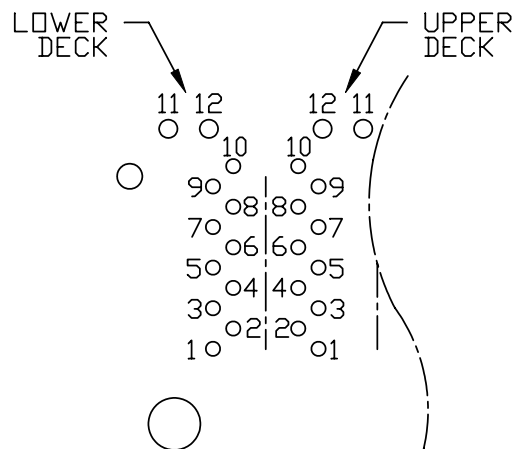
4. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

ORIGINATED BY	DATE	TITLE 2X4 gigabit MagJack® (8 Cores, with LED) 0863-2X4R-54-F PATENTED	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ANTON LIAO	2012-08-20		08632X4R54-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
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				.XXX	±0.010			

bel
COMPONENTS FOR A
CONNECTED
PLANET

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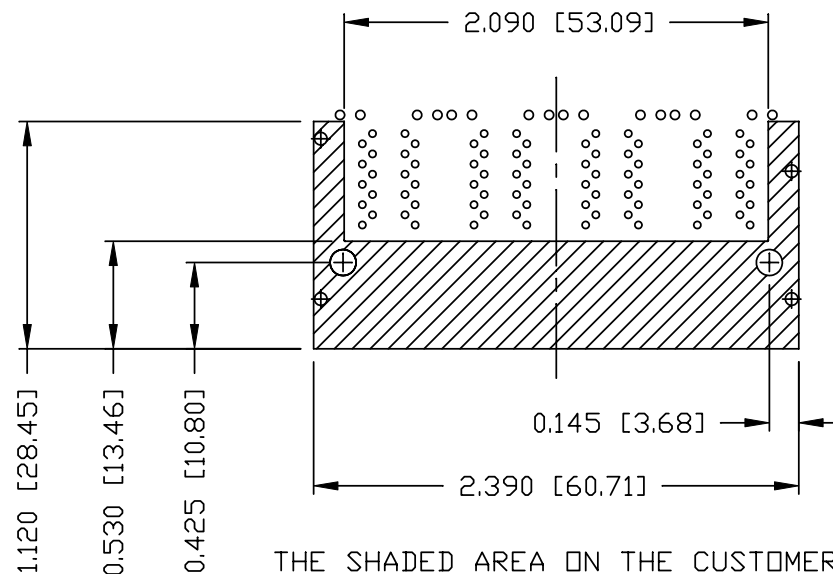
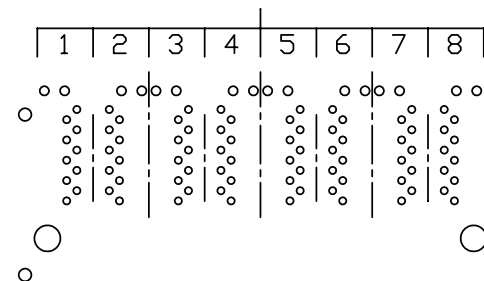
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PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

12	GRN (+)/ORG (-)
11	GRN (-)/ORG (+)
10	GND
9	TRDCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



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

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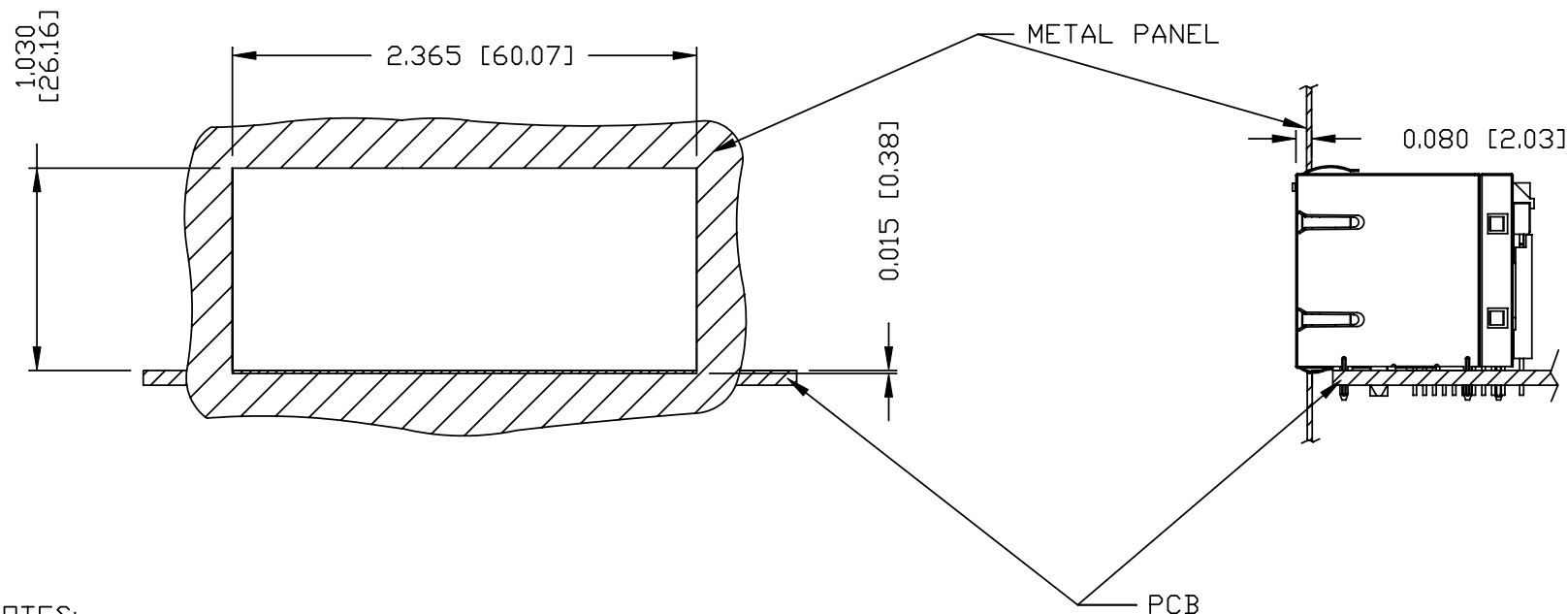
**bel**
COMPONENTS FOR A
CONNECTED
PLANET

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SUGGESTED PANEL OPENING



NOTES:

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

OR PACKING TRAY : 0200-9999-E7 (TOP)
0200-9999-E8 (BOTTOM)

PACKING QUANTITY : 20 PCS FINISHED GOODS PER TRAY
7 TRAYS (140 PCS FINISHED GOODS) PER CARTON BOX

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

ORIGINATED BY	DATE	TITLE 2X4 glgabit MagJack® (8 Cores, with LED) 0863-2X4R-54-F PATENTED	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ANTON LIAO	2012-08-20		08632X4R54-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
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