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RoHS



LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	YELLOW	-	+	GREEN
			+	-	ORANGE

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

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

DCL @ 100kHz/100mVRMS

8mA DC BIAS 350µH MIN.

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

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms or 2250VDC

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

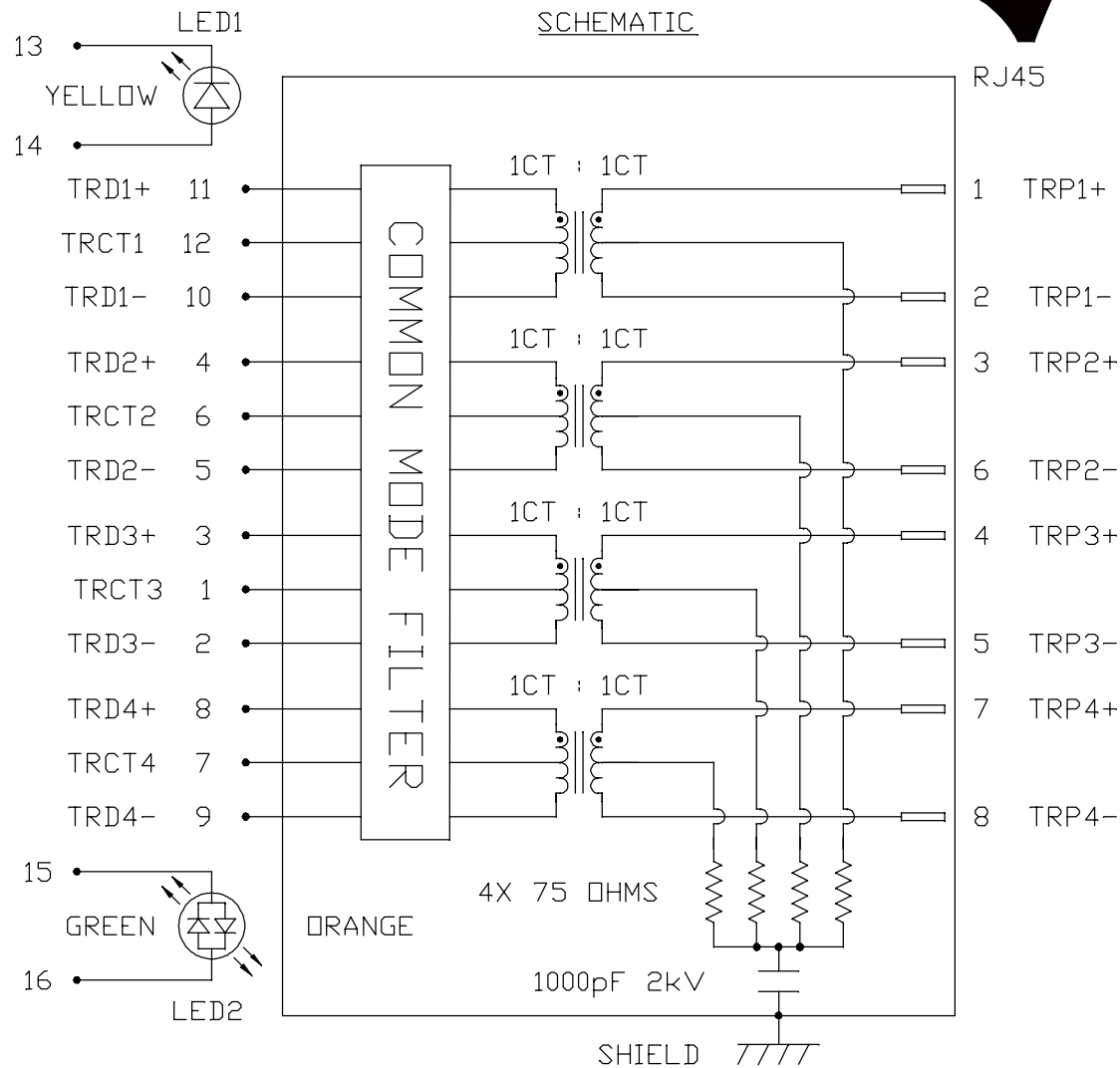
LED1

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

LED2

VF (FORWARD VOLTAGE)	IF=20mA GREEN	2.2V TYP.
	ORANGE	2.0V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN	570nm TYP.
	ORANGE	605nm TYP.

OPERATING TEMPERATURE: 0°C TO +70°C.



RJ45

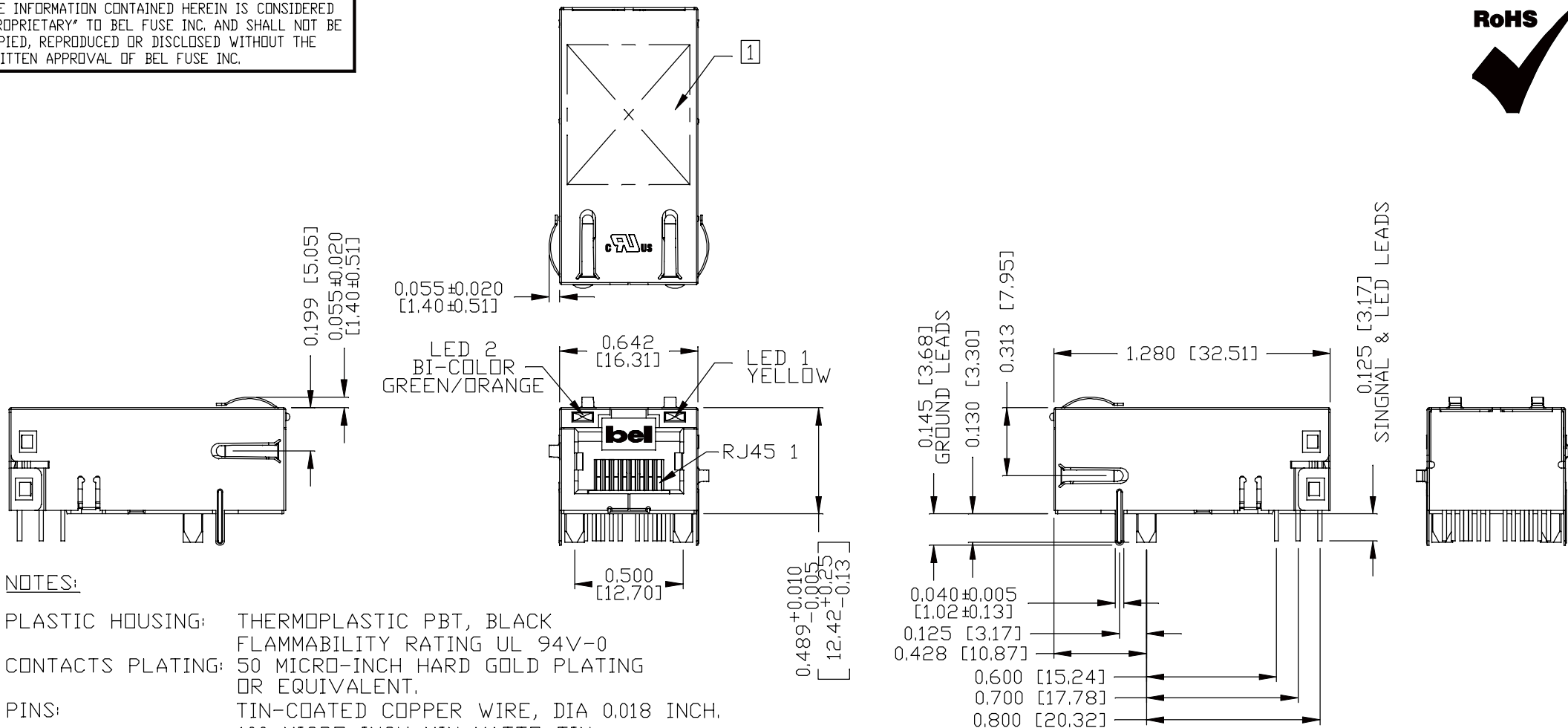
ORIGINATED BY CHOW WANCHUNG	TITLE gigabit MagJack® (8 cores, Tab Up)	PART NO. / DRAWING NO. L8261X1T43-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REF.
DATE 2017-12-07				
DRAWN BY ZHENG ZEHAD	L826-1X1T-43-F PATENTED	L8261X1T43-F_F.DWG	.X	UNIT : INCH [mm]
DATE 2017-12-07			.XX	SCALE : N/A
			.XXX	SIZE : A4

REV. : F PAGE : 2



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NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK
- FLAMMABILITY RATING UL 94V-0
- CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
- PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH, 100 MICRO-INCH MIN MATTE TIN. PINS ARE SOLDER DIPPED.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY (ALL GROUND LEADS ARE SOLDER DIPPING)

- MARK PART WITH MFG. LOGO; MFG. NAME; PART NUMBER, DATE CODE AND PATENTED.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

cRU us UL RECOGNIZED - FILE #E196366 AND E169987.

- THE PRODUCT IS RoHS COMPLIANT.
- THE PRODUCT IS PATENTED. THE PATENT NUMBER IS U.S. PAT. 7,123,117.
- THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX AND 10 SECONDS MAX.

ORIGINATED BY ANTON LIAO
DATE 2017-12-07
DRAWN BY LI QUANKUN
DATE 2017-12-07

TITLE gigabit MagJack® (8 cores, Tab Up) L826-1X1T-43-F PATENTED
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PART NO. / DRAWING NO. L8261X1T43-F
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STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REF.
.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX ±0.010	SIZE : A4

REV. : F	PAGE : 3
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a bel group

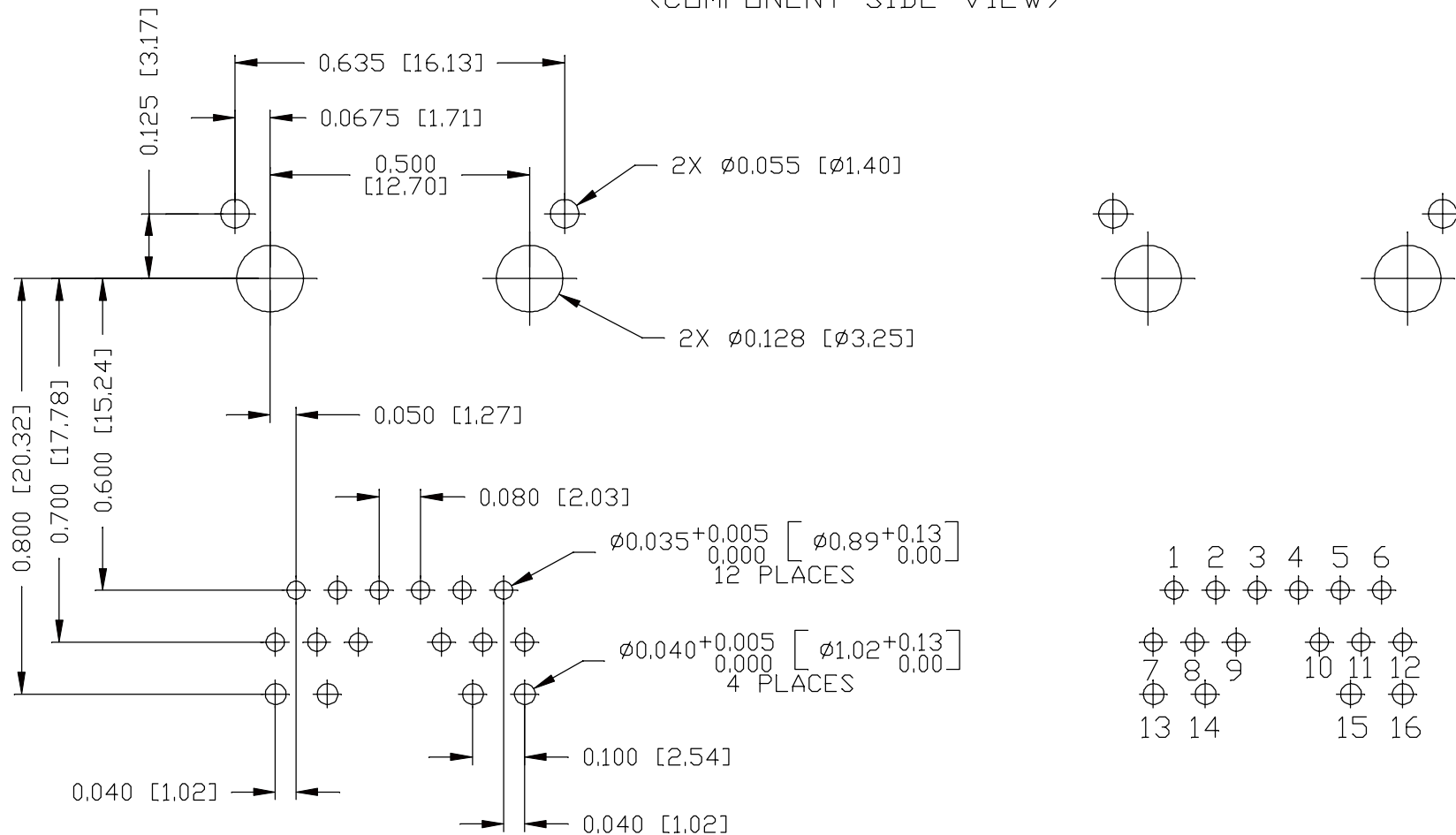
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RECOMMENDED PCB FOOTPRINT

(COMPONENT SIDE VIEW)



REV. : F PAGE : 4

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ANTON LIAO
DATE 2017-12-07
DRAWN BY
LI QUANKUN
DATE 2017-12-07

TITLE
glgabit MagJack®
(8 cores, Tab Up)
L826-1X1T-43-F
PATENTED

PART NO. / DRAWING NO.
L8261X1T43-F
FILE NAME
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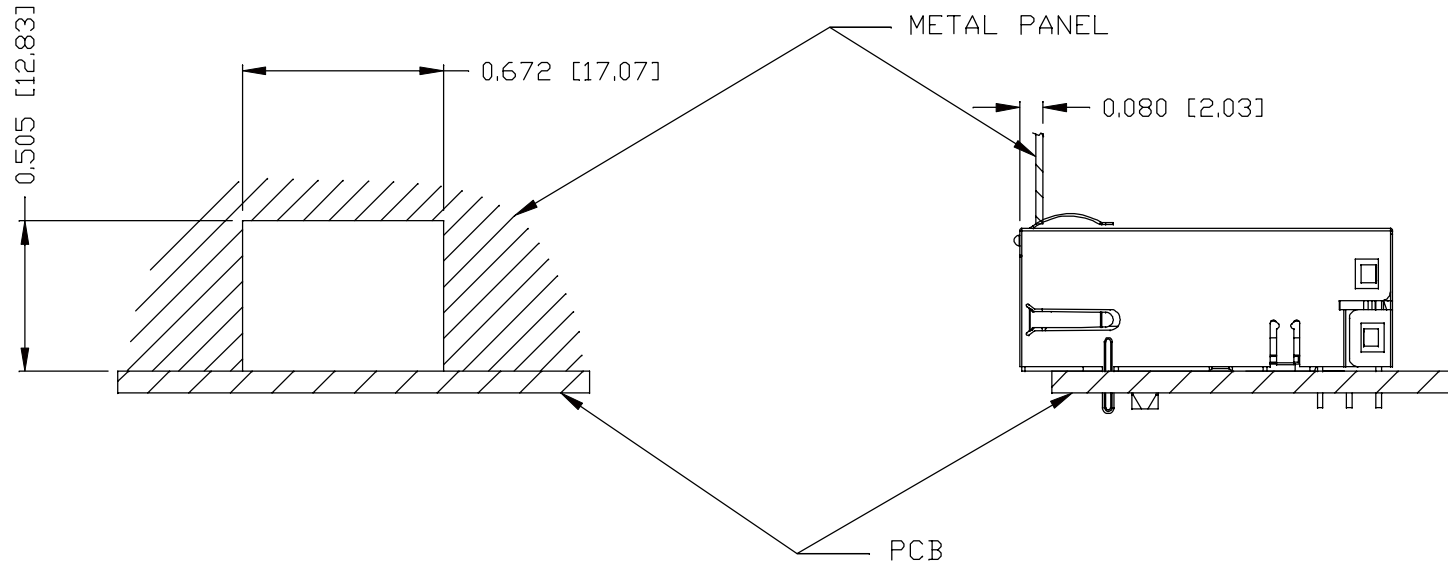
STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.
.X		UNIT : INCH [mm]
.XX		SCALE : N/A
.XXX	±0.004	SIZE : A4



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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-D6 (TOP)

0200-9999-D7 (BOTTOM)

PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY

11 TRAYS (440 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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