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

RoHS



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 or 2250VDC

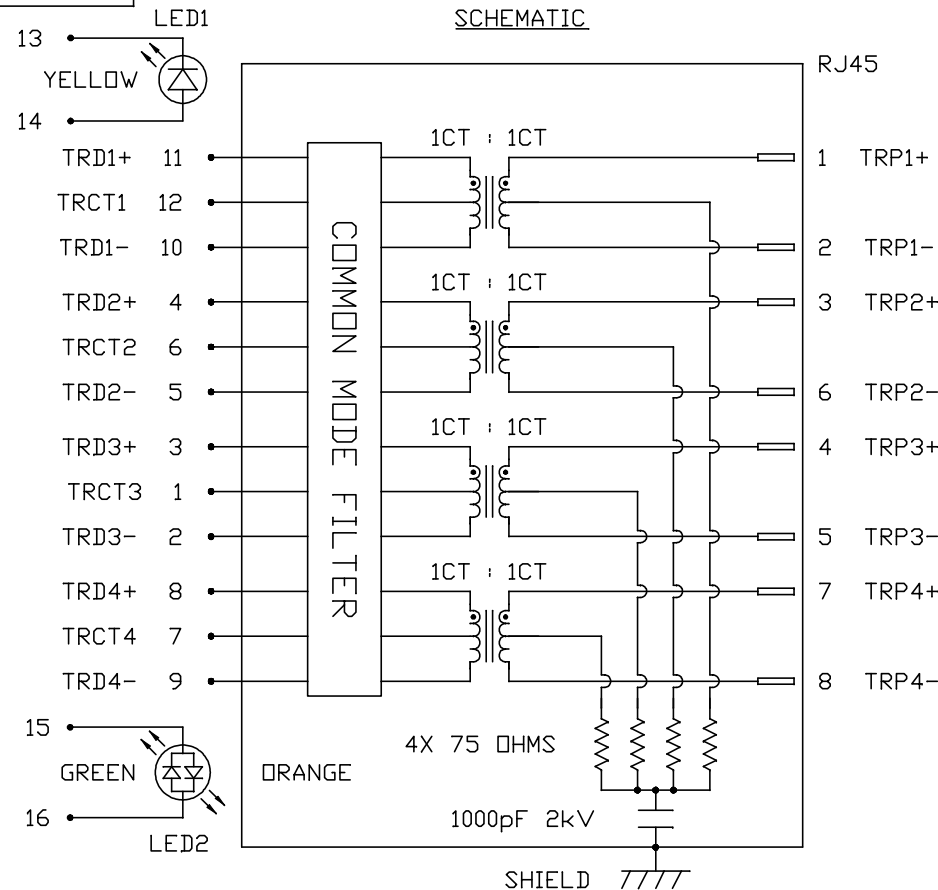
LED 1

V _F (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λ _D (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.

LED 2

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

OPERATING TEMPERATURE: 0°C TO 70°C



ORIGINATED BY
CHOW WANCHUNG
DATE 2018-12-19

TITLE

1x4 gigabit MagJack®
(8 cores, Tab Up)
L826-1X4T-43-F
PATENTED

DRAWN BY
XIE YIMING
DATE 2018-12-19

PART NO. / DRAWING NO.

L8261X4T43-F

FILE NAME

L8261X4T43-F_D.DWG

STANDARD DIM. TOL. IN INCH

.X
.XX
.XXX

[] METRIC DIM. AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

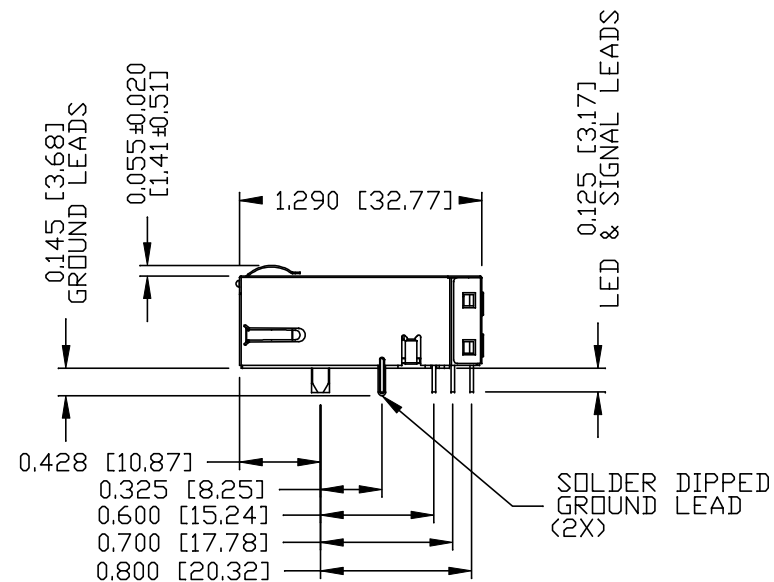
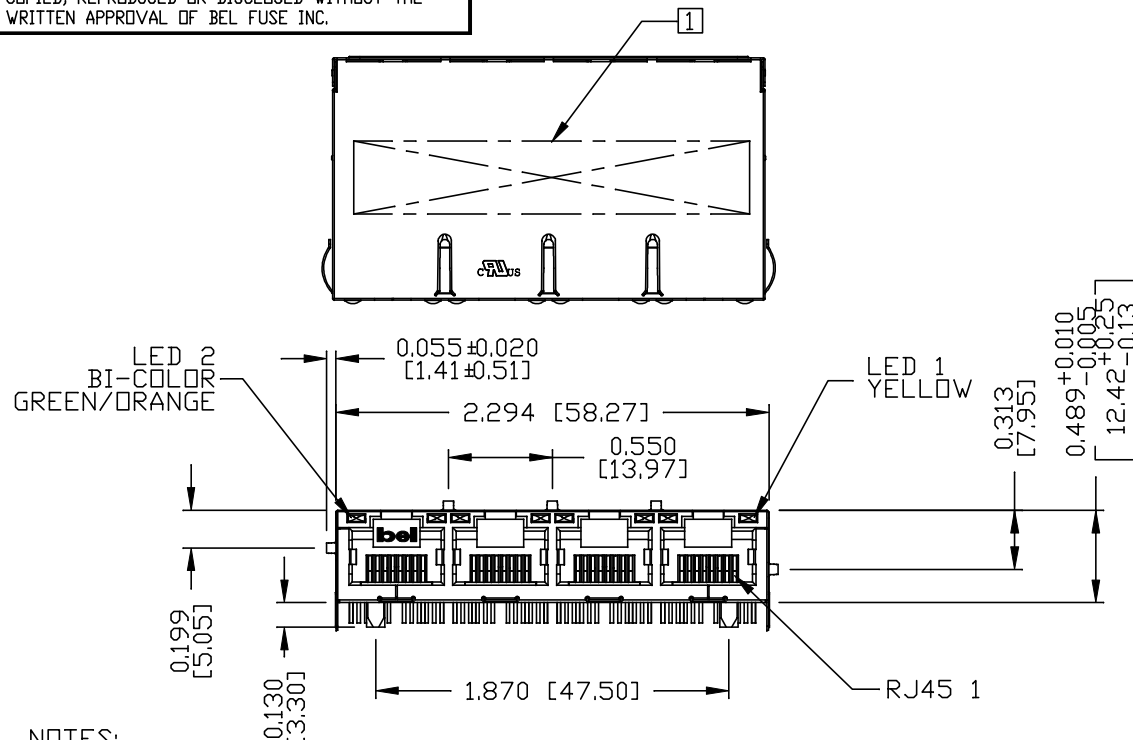
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NOTES:

- 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)

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

3. THE PRODUCT IS RoHS COMPLIANCE.
4. THE PRODUCT IS PATENT PRODUCT. THE PATENT
NUMBER IS U.S. PAT. 7,123,117.
5. 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 2018-12-19

DRAWN BY
LI QUANKUN
DATE 2018-12-19

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TOL. IN INCH

[] METRIC DIM.
AS REF.

.X
UNIT : INCH [mm]

.XX
SCALE : N/A

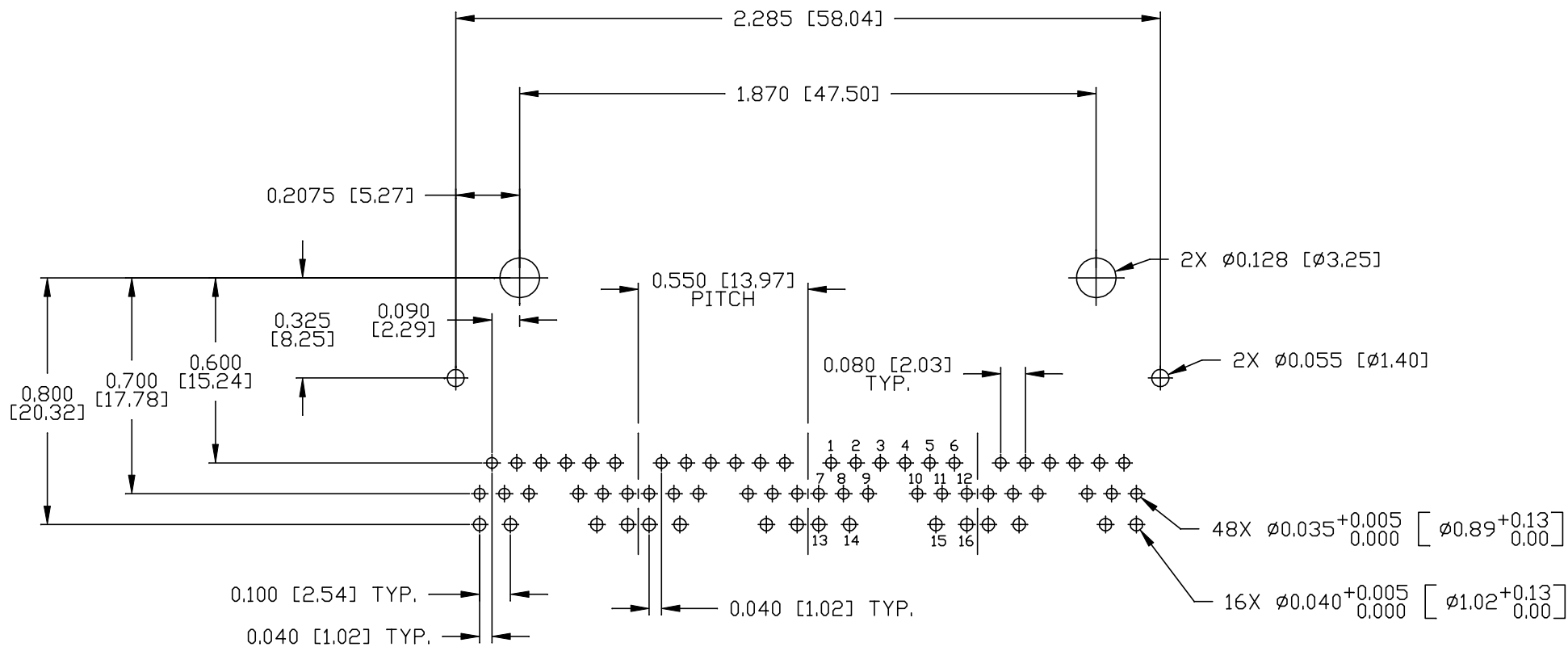
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RECOMMENDED PCB FOOTPRINT
(COMPONENT SIDE VIEW)

ORIGINATED BY ANTON LIAO DATE 2018-12-19		TITLE 1X4 gigabit MagJack® (8 cores, Tab Up) L826-1X4T-43-F PATENTED		PART NO. / DRAWING NO. L8261X4T43-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.		REV. : D	PAGE : 4
DRAWN BY LI QUANKUN DATE 2018-12-19		FILE NAME L8261X4T43-F_D.DWG		.X		.XX		.XXX		UNIT : INCH [mm]	
				±0.004		SCALE : N/A		SIZE : A4		 bel	
										MAGNETIC SOLUTIONS a bel group	

DC002(2)120214

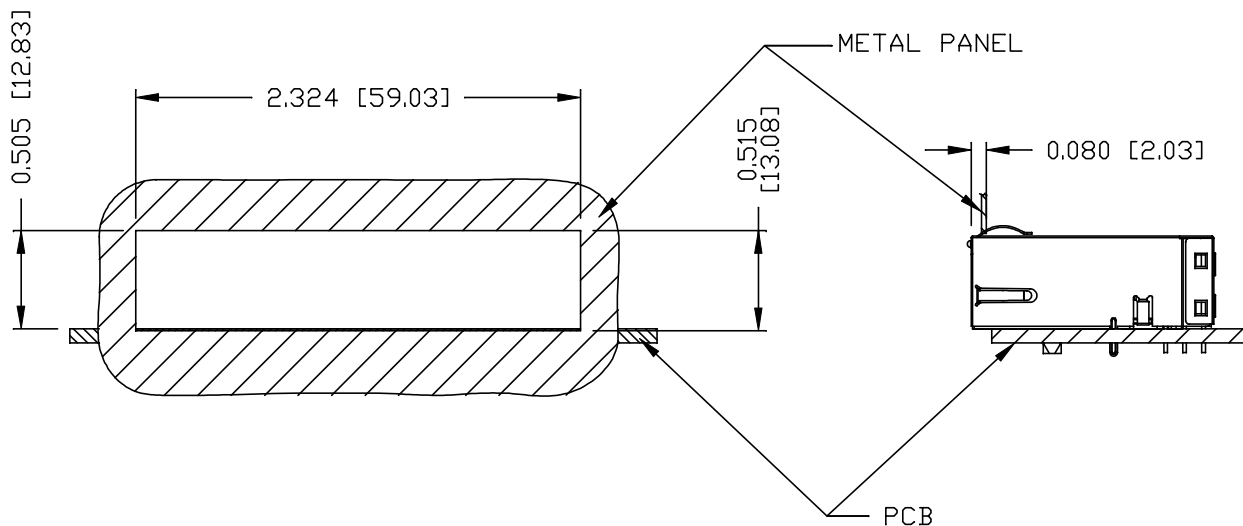
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SUGGESTED PANEL OPENING



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-D3 (TOP)

0200-9999-B5 (BOTTOM)

PACKING QUANTITY: 24 PCS FINISHED GOODS PER TRAY

10 TRAYS (240PCS FINISHED GOODS) PER CARTON BOX

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

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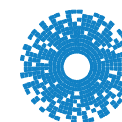
±0.005

[] METRIC DIM.
 AS REF.

UNIT : INCH [mm]

SCALE : N/A

SIZE : A4



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 SOLUTIONS
 a bel group