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RoHS



LED1 POLARITY			LED2 POLARITY		
PIN 12	PIN 13	COLOR	PIN 14	PIN 15	COLOR
-	+	YELLOW	+	-	ORANGE
/	/	/	-	+	GREEN

**ELECTRICAL CHARACTERISTICS @ 25°C**

URNS RATIO 1CT : 1CT ±2%

CL @ 100kHz/100mVRMS

8mA DC BIAS 350µH MIN.

INSERTION LOSS

100KHz TO 100MHZ -1.5 dB MAX.

RETURN LOSS (MIN.)

2MHz-30MHz -16 dB MIN.

60MHz-80MHz -10 dB MIN.

CROSS TALK

100KHz - 100MHZ -30 dB MIN.

HIPOT (ISOLATION VOLTAGE)

2250 VDC

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

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

500mA MAX. @ 57 VDC FOR 200 MILLSECONDS

LED 1

V<sub>F</sub> (FORWARD VOLTAGE) I<sub>F</sub>=20mA YELLOW 2.1V TYP.

λ<sub>D</sub> (DOMINANT WAVELENGTH) I<sub>F</sub>=20mA YELLOW 590nm TYP.

LED 2

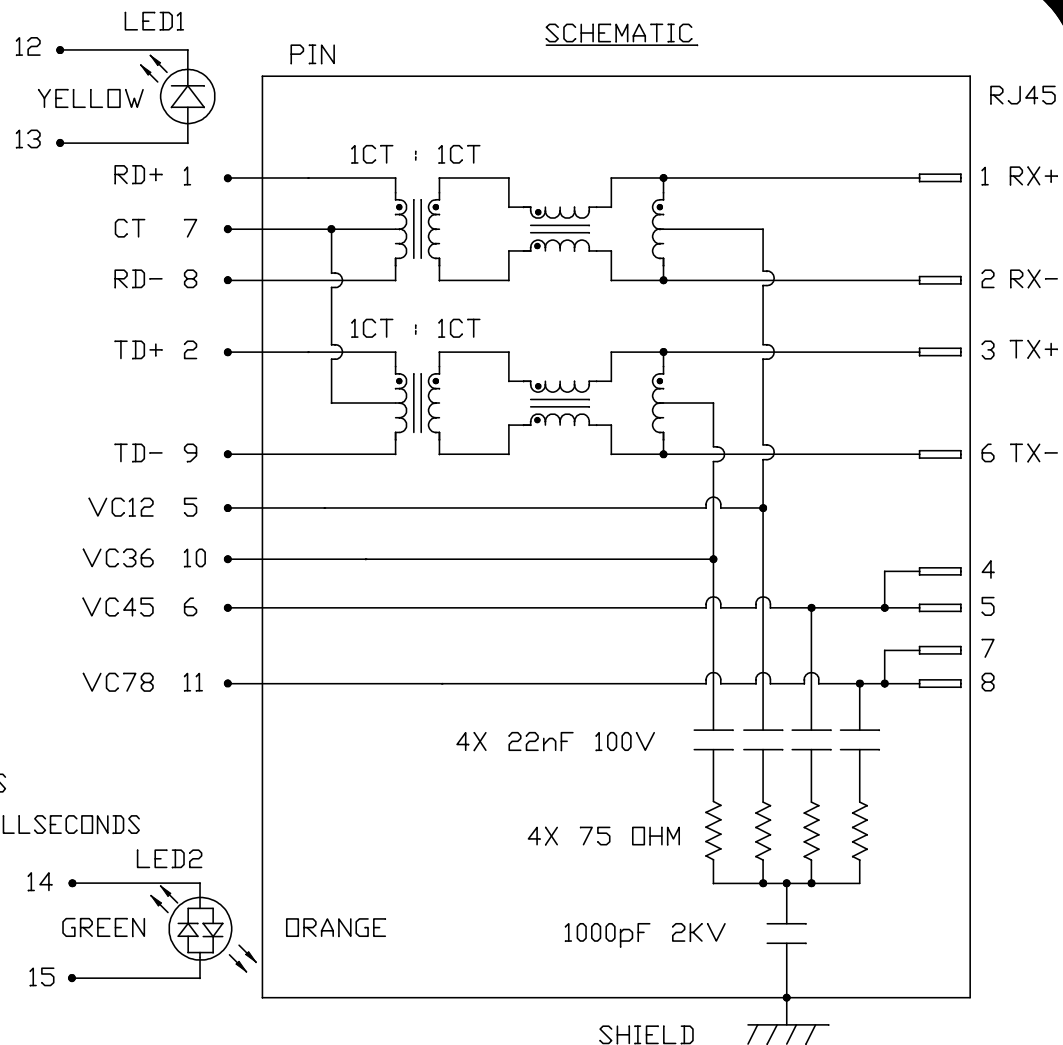
V<sub>F</sub> (FORWARD VOLTAGE) I<sub>F</sub>=20mA GREEN 2.2V TYP.

λ<sub>D</sub> (DOMINANT WAVELENGTH) I<sub>F</sub>=20mA ORANGE 2.0V TYP.

λ<sub>D</sub> (DOMINANT WAVELENGTH) I<sub>F</sub>=20mA GREEN 570nm TYP.

λ<sub>D</sub> (DOMINANT WAVELENGTH) I<sub>F</sub>=20mA ORANGE 610nm TYP.

OPERATING TEMPERATURE: 0°C TO +70°C.



ORIGINATED BY CHOW WANCHUNG	TITLE 10/100 MagJack® (PoE, Tab Up) 0826-1X1T-57-F
DATE 2016-08-09	
DRAWN BY SKY YOU	
DATE 2016-08-09	

PART NO. / DRAWING NO. 08261X1T57-F	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.
FILE NAME 08261X1T57-F_F.DWG	.X	UNIT : INCH [mm]
	.XX	SCALE : N/A
	.XXX	SIZE : A4

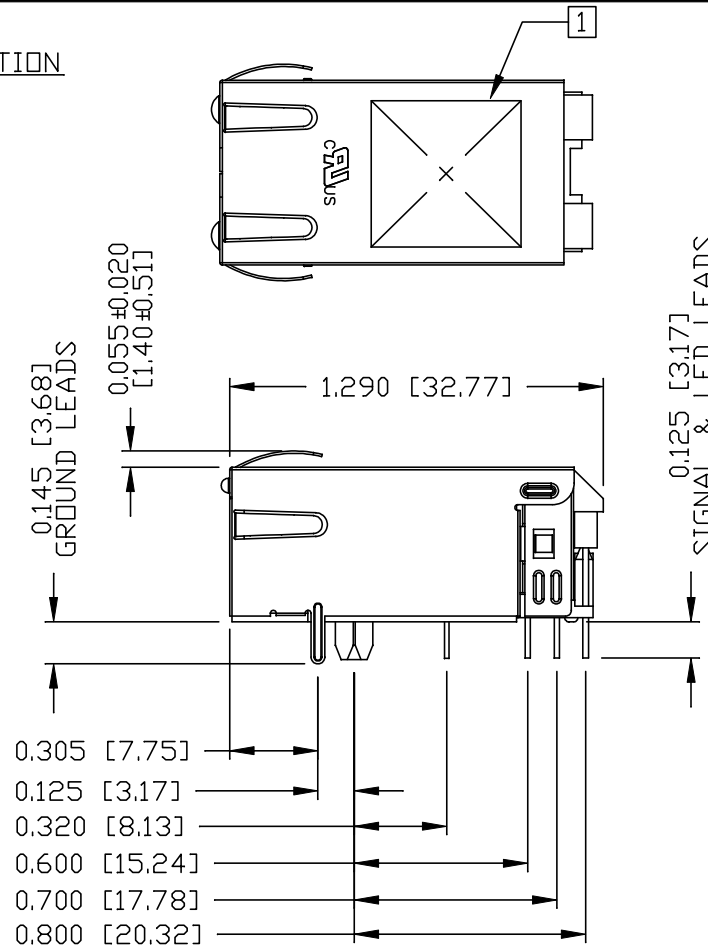
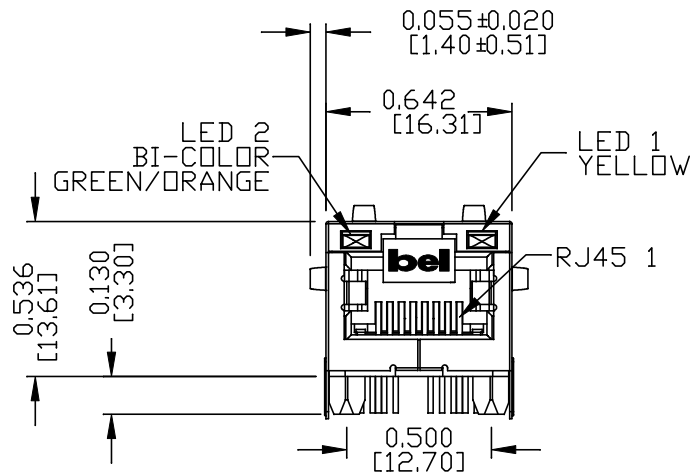
REV. : F PAGE : 2



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MECHANICAL SPECIFICATION

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NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PA, BLACK  
FLAMMABILITY RATING UL 94V-0
- CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.  
30 MICRO-INCH MIN NICKEL UNDERPLATE.
- OUTPUT 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 DIPPED)
- 1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
- 2. THE PRODUCT IS RoHS COMPLIANT.
- 3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
- 4. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX AND 10 SECONDS MAX.

<b>ORIGINATED BY</b> ANTON LIAO <b>DATE</b> 2016-08-09 <b>DRAWN BY</b> JESSE LI <b>DATE</b> 2016-08-09		<b>TITLE</b> 10/100 MagJack® (PoE, Tab Up) 0826-1X1T-57-F		<b>PART NO. / DRAWING NO.</b> 08261X1T57-F <b>FILE NAME</b> 08261X1T57-F_F.DWG		<b>STANDARD DIM. TOL. IN INCH</b> .X .XX .XXX ±0.010		<b>[ ] METRIC DIM. AS REF.</b> UNIT : INCH [mm] SCALE : N/A SIZE : A4		<b>REV. :</b> F <b>PAGE :</b> 3	
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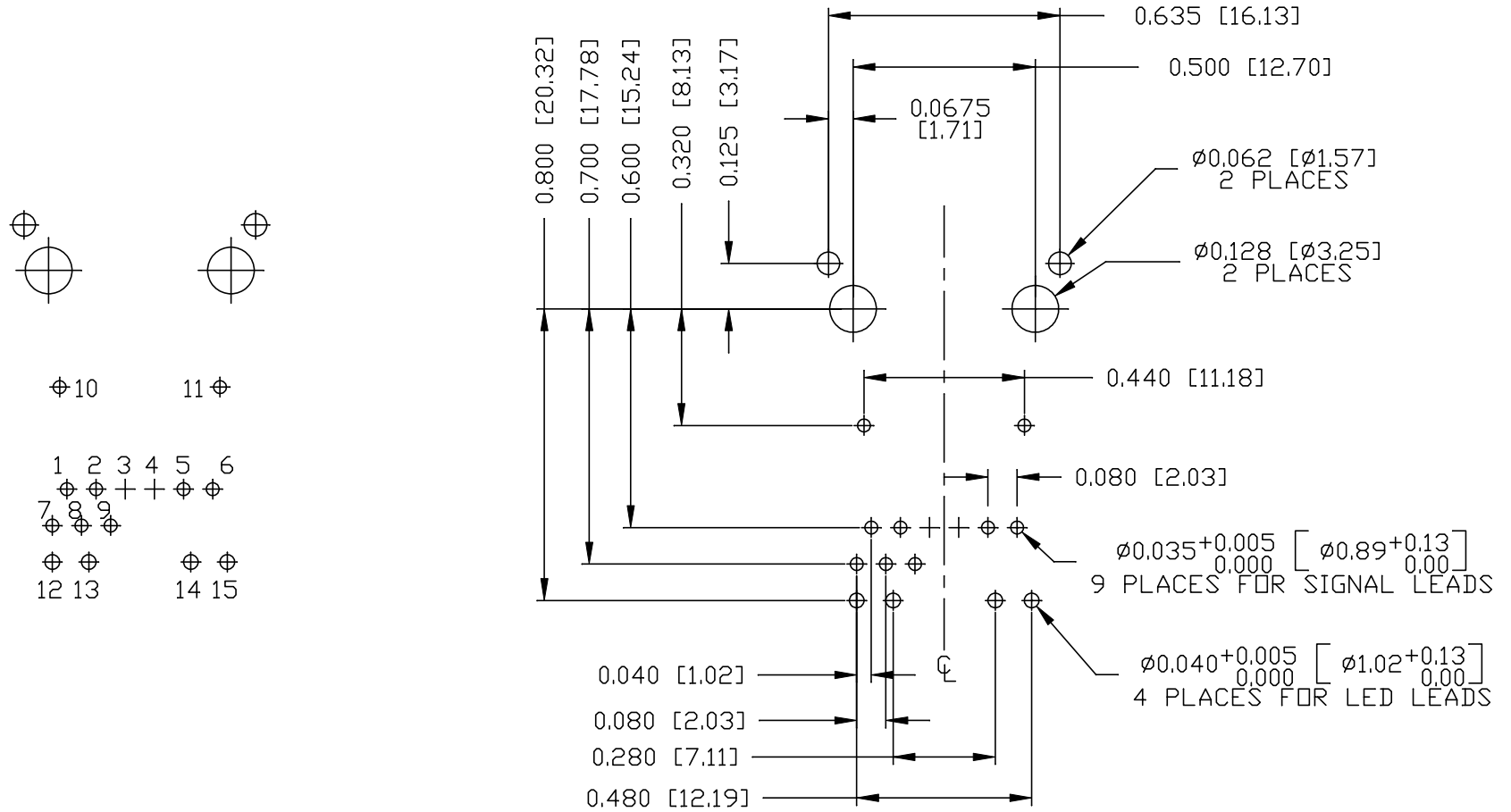
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RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



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DATE 2016-08-09

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JESSE LI  
DATE 2016-08-09

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10/100 MagJack®  
(PoE, Tab Up)  
0826-1X1T-57-F

PART NO. / DRAWING NO.  
08261X1T57-F

FILE NAME  
08261X1T57-F\_F.DWG

STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.
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.XX	SCALE : N/A
.XXX	±0.004

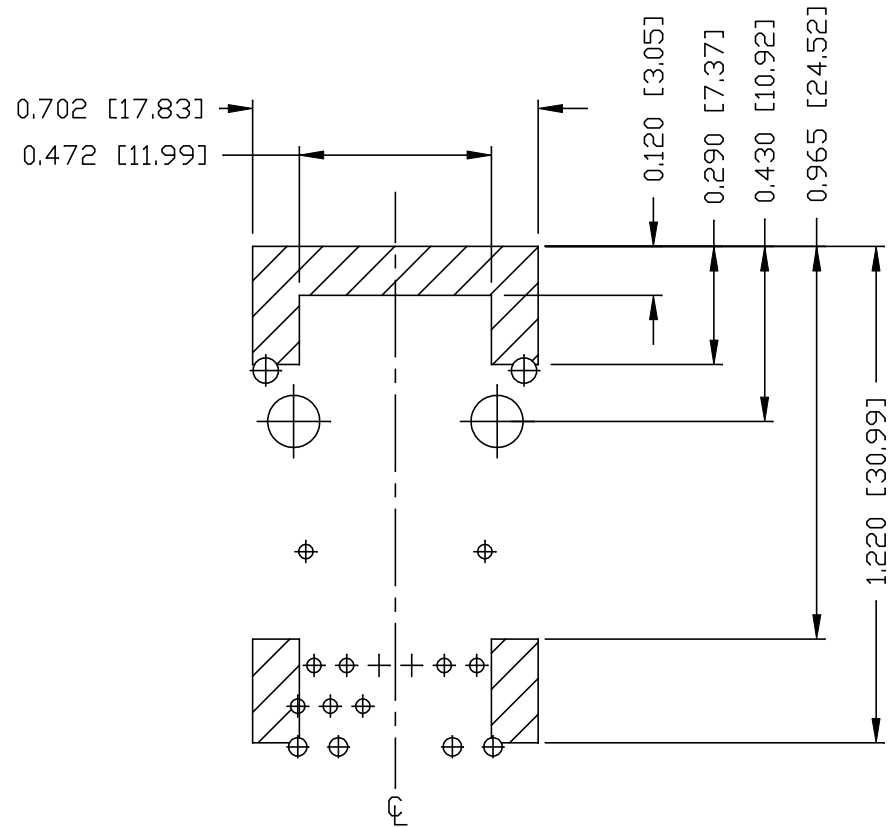
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NOTES

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

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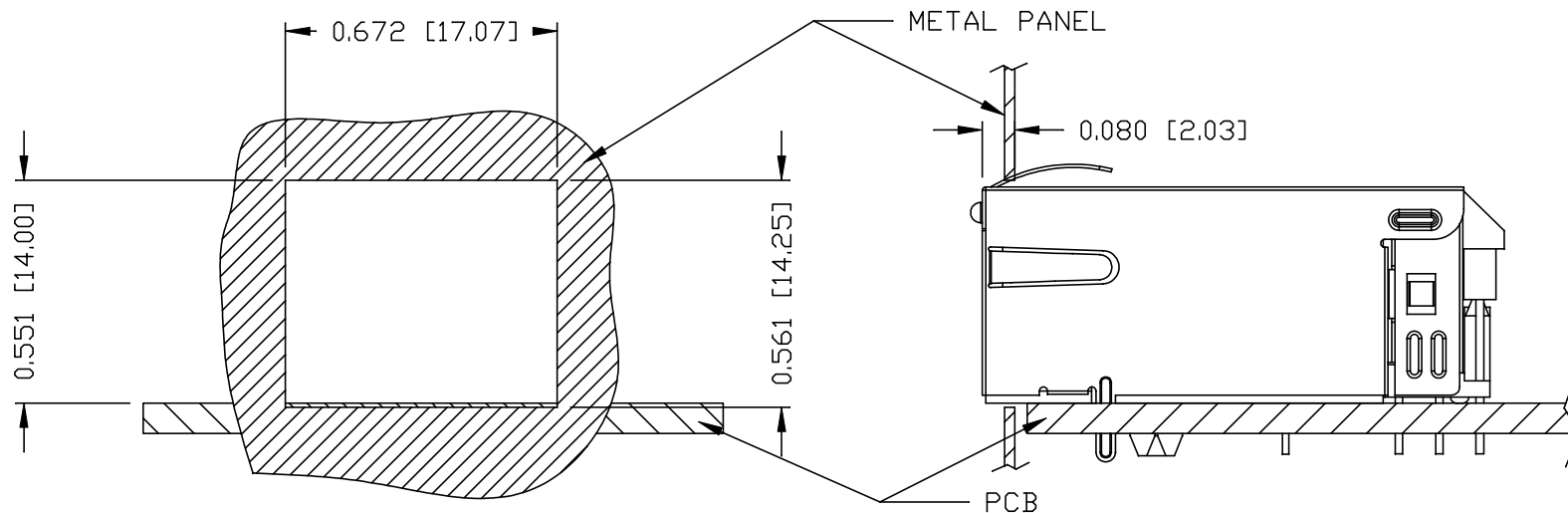
STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REF.
.X		UNIT : INCH [mm]
.XX		SCALE : N/A
.XXX	±0.004	SIZE : A4



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SUGGESTED PANEL OPENING

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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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		<b>FILE NAME</b> 08261X1T57-F_F.DWG	.XX	UNIT : INCH [mm]
			.XXX ±0.004	SCALE : N/A
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