

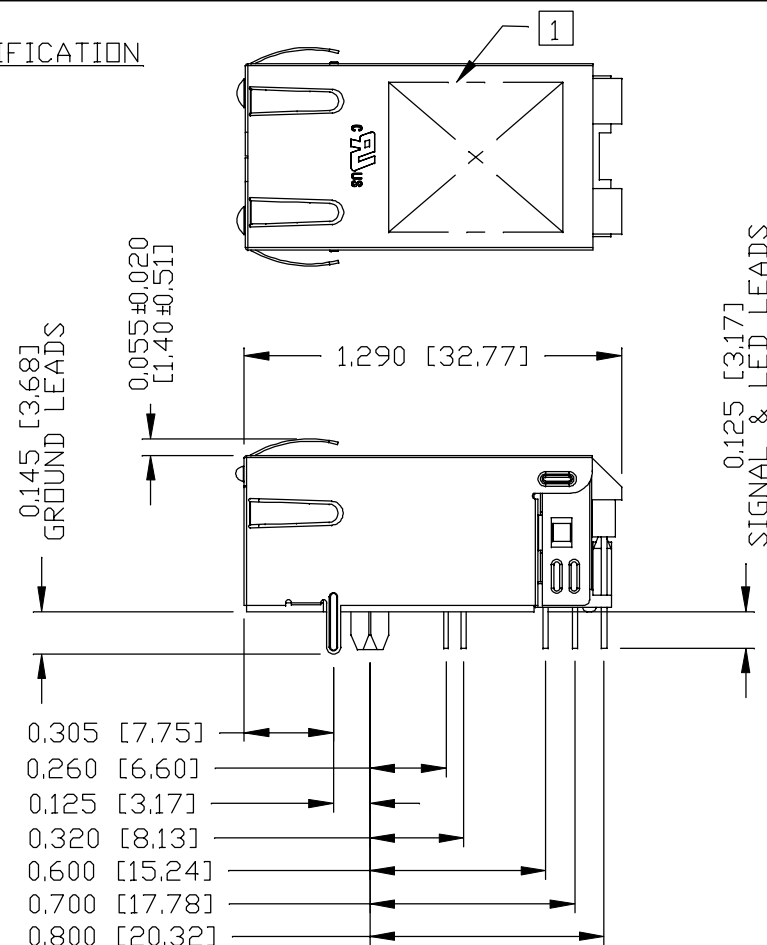
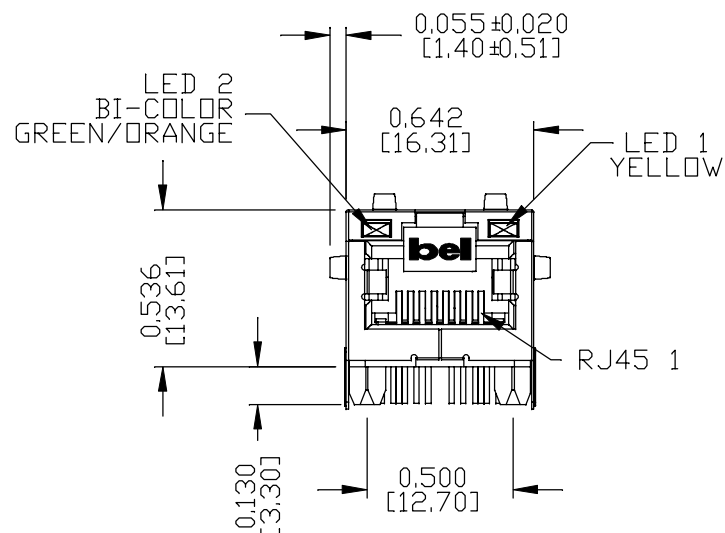


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PRELIMINARY

## MECHANICAL SPECIFICATION

RoHS



### NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA, BLACK.

FLAMMABILITY RATING UL 94V-0

CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

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, DATE CODE AND PATENTED.

2. THE PRODUCT IS RoHS COMPLIANT.

3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

4. THE PRODUCT IS PATENTED, 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.



UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY  
ANTON LIAO  
DATE 2017-08-29

DRAWN BY  
JESSE LI  
DATE 2017-08-29

TITLE  
5 GigaBit MagJack®  
(4PPoE, Extended Temperature)

0826-1X1T-JK-F  
PATENTED

PART NO. / DRAWING NO.  
08261X1TJK-F

FILE NAME  
08261X1TJK-F\_PE.DWG

STANDARD DIM.  
TOL. IN INCH

.X

.XX

.XXX

[ ] METRIC DIM.  
AS REF.

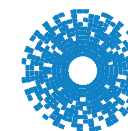
UNIT : INCH [mm]

SCALE : N/A

SIZE : A4

REV. : PE

PAGE : 3

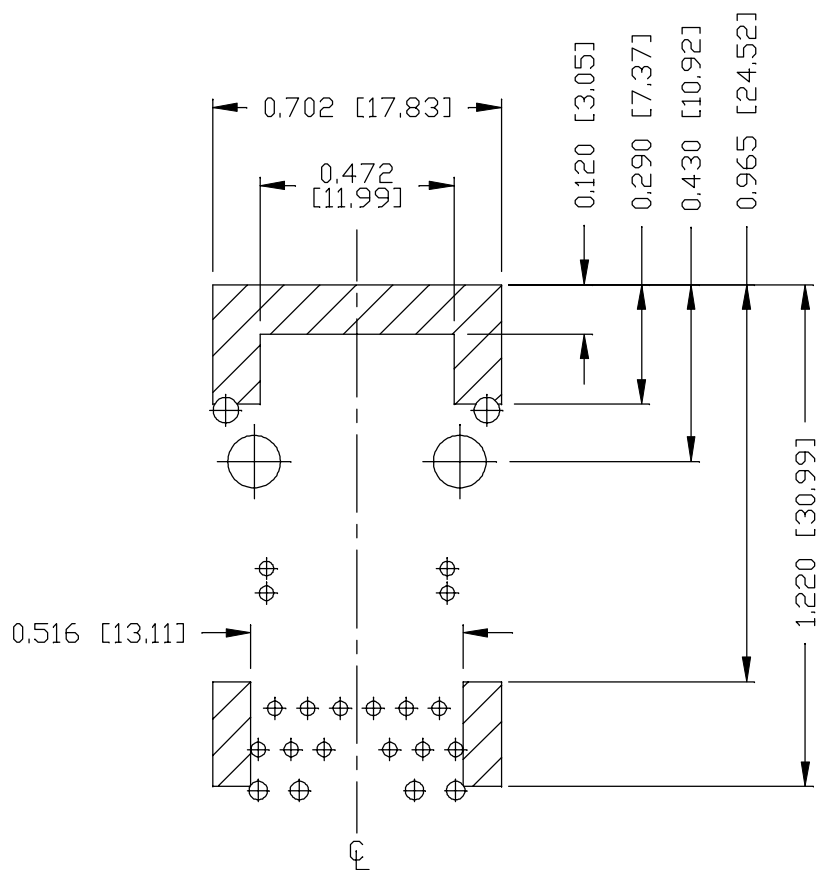


**bel** MAGNETIC  
SOLUTIONS  
a bel group

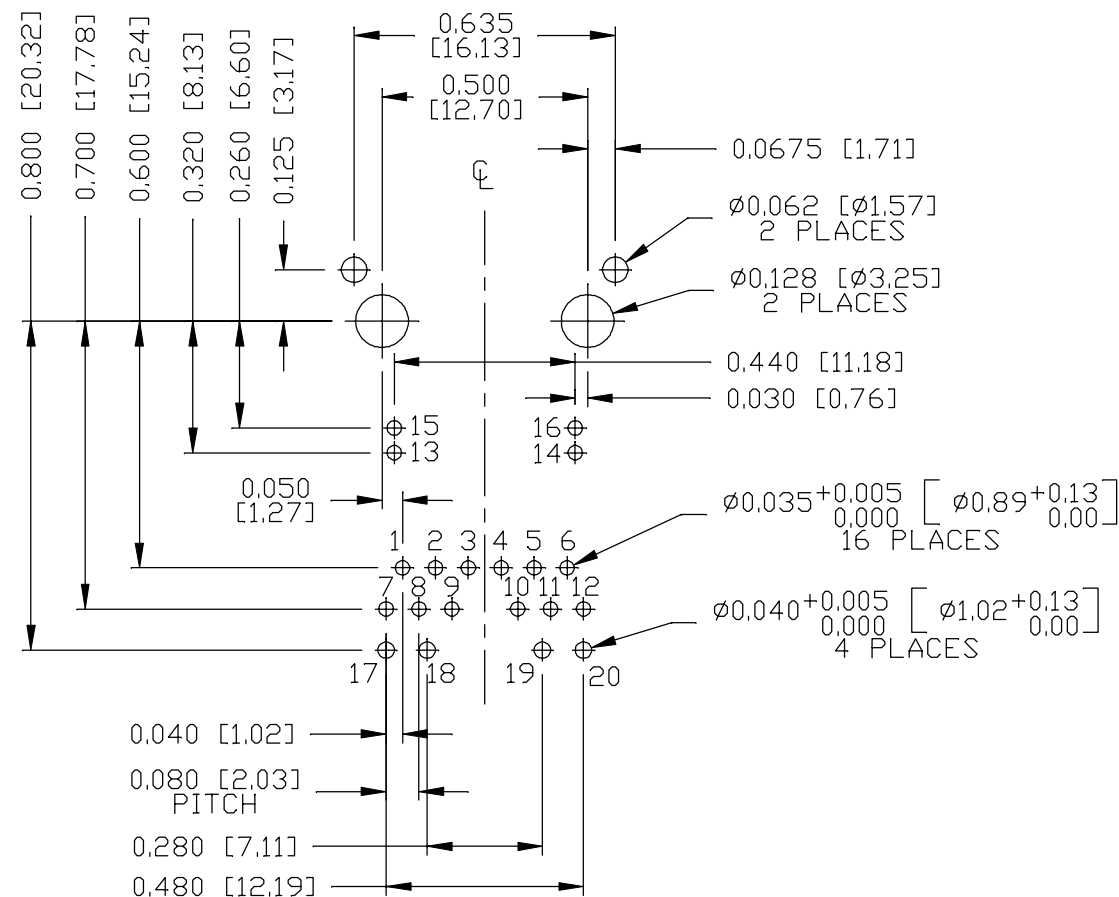
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PRELIMINARY

RoHS





# RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



## NOTES

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

ORIGINATED BY ANTON LIAO DATE 2017-08-29	TITLE  5 Gigabit MagJack® (4PPoE, Extended Temperature) 0826-1X1T-JK-F PATENTED	PART NO. / DRAWING NO.  08261X1TJK-F	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REF.	
DRAWN BY JESSE LI DATE 2017-08-29		FILE NAME  08261X1TJK-F_PE.DWG	.X		UNIT : INCH [mm]	
			.XX		SCALE : N/A	
			.XXX	±0.004		SIZE : A4



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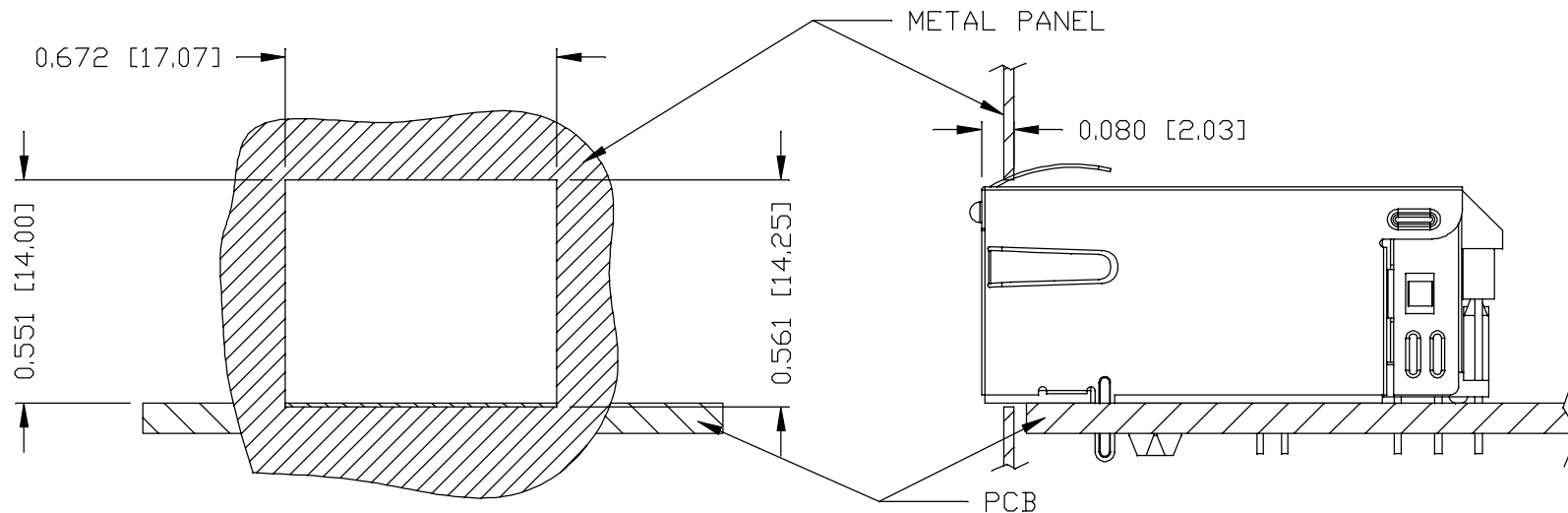
**MAGNETIC  
SOLUTIONS**

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# SUGGESTED PANEL OPENING

PRELIMINARY

RoHS



## 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)

REV. : PE PAGE : 5

ORIGINATED BY  
ANTON LIAO  
DATE 2017-08-29

DRAWN BY  
JESSE LI  
DATE 2017-08-29

TITLE  
5 Gigabit MagJack<sup>®</sup>  
(4PPoE, Extended Temperature)  
0826-1X1T-JK-F  
PATENTED

PART NO. / DRAWING NO.  
08261X1TJK-F

FILE NAME  
08261X1TJK-F\_PE.DWG

STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REF.
.X		UNIT : INCH [mm]
.XX		SCALE : N/A
.XXX	±0.004	SIZE : A4



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bel:

[0826-1X1T-JK-F](#)