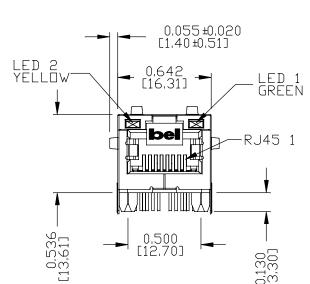
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WRITTEN APPROVAL OF BEL FUSE IN	√C.							
LED1 POLARIT	Y LED2 POLARITY	13 •	LED 1		SCHEN	4 A T.T.C		
PIN 13   PIN 14   C	OLOR PIN 15 PIN 16 COLOR				<u>SCHEN</u>	MATIC.		_
	REEN - + YELLOW		GREEN (五)					RJ45
ELECTRICAL CHARAC	TERISTICS @ 25°C	14 •			□ 1CT :	1CT		
TURNS RATIO			TRD1+ 11 •					1 TRP1+
TP1	1CT : 1CT ±2%		TRCT1 12 •			<u>E</u>		
TP2	1CT : 1CT ±2%		TROTT IL 4		311	ξ		
TP3	1CT : 1CT ±2%		TRD1- 10 ◆	$+$ $\vdash$			$\rightarrow$	2 TRP1-
TP4 □CL @ 100kHz/100m\	1CT : 1CT ±2%				1CT :	1CT		
8mA DC BIAS	350µH MIN.		TRD2+ 4 ◆				$\rightarrow$	3 TRP2+
INS, LOSS	000/011111111		TRCT2 6 •			<u> </u>	.	
0,1MHz TO 1MHz	-1.1 dB MAX				311	ξ		
1MHz TO 65MHz	-0.5 dB MAX		TRD2- 5 •	<del> </del>			$\rightarrow -$	6 TRP2-
65MHz TO 100MHz 100MHz TO 125MH					1CT :	1CT		
RET, LOSS (MIN)	Z -1,C OB MAA		TRD3+ 3 •	+			<del>}</del>	4 TRP3+
0.5MHz-40MHz	-18 dB		TRCT3 1 •			<u> </u>		
40MHz-100MHz	-12+20L0G(f/80MHz)	) dB		'	311	ξ		
CROSS TALK			TRD3- 2 •	++		<u> </u>	$\rightarrow -$	5 TRP3-
100kHz - 100MHz	-33+20L□G(f/100MHz			'	1CT:	1CT		
CM TO CM REJ	OO alb MINI		TRD4+ 8 ◆				<del>}                                    </del>	7 TRP4+
100kHz - 100MHz	-30 dB MIN		TRCT4 7 •	$\square$	3	£		
CM TO DM REJ 100kHz - 100MHz	-35 dB MIN				311	ξ		
HIPOT (Isolation Va			TRD4- 9 ◆					8 TRP4-
	N TESTED TO COMPLY WITH					}	\ \ \ \	
IEEE 802,3 ISOLATI	JN REQUIREMENTS,		LED 3		4X 75 I	⊔HMS } } ;	} }	
LED 1			•					
VF (FORWARD VI		2V TYP, YI	ELLOW (大					
LED 5	AVELENGTH) IF=20mA GREEN 57	70nm TYP, 16			1000	ipF 2kV 🕂	•	
VF (FORWARD V	OLTAGE) IF=20mA YELLOW 2.			L				
	AVELENGTH) IF=20mA YELLOW 59					SHIELD 777	/	
	TURE: 0°C TO +70°C,				Г	REV · C	PAGE	: 2
	TITLE	PART NO. / DRAWING	NO	nn nnel 5 3		REV.: C	PAGE	:
CHOW WANCHUNG	gigabit MagJack®	·	S 11111   D 11		ETRIC DIM. REF.	John I		
DATE 2016-08-10	(8 cores, Tab Up)	08261D1T43-F			NCH [mm]	223		MAGNETIC
DRAWN BY	0826-1D1T-43-F	FILE NAME	.X					SOLUTIONS
SKY YOU	PATENTED	08261D1T43-F_C.I	owg <b>.xx</b>	SCALE :		ab	el group	
<b>DATE</b> 2016-08-10		1 3 2 3 2 2 2 1 1 0 1 2 0 1 1	.xxx	/     +	SIZE : A4			

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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.

DUTPUT 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.

STOP IN ,020 ,511 [3,17] LED LEADS 0,055±0,( [1,40±0,5 1,290 [32,77] 0.125 SIGNAL & 1 0,145 CGROUND 0,305 [7,75] 0,125 [3,17] -0,600 [15,24] 0.700 [17.78] 0.800 [20.32] --

- 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.
- 5. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS U.S. PAT. 7,123,117.

callusul recognized - file #e196366 and e169987.

ORIGINATED BY
ANTON LIAO
DATE 2016-08-10

DRAWN BY
JESSE LI
DATE 2016-08-10

TITLE
gigabit MagJack®
(8 cores, Tab Up)
0826-1D1T-43-F
PATENTED

 PART NO. / DRAWING NO.
 STANDARD DIM.
 [ ] METRIC DIM.

 08261D1T43-F
 TOL. IN INCH
 AS REF.

 IN INCH
 INCH
 INCH

 INCH</td

PAGE: 3

PAGE: 3

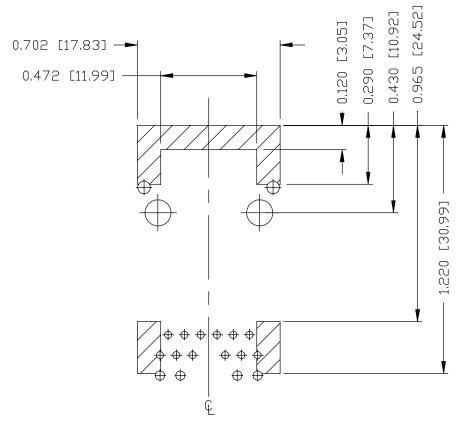
MAGNETIC SOLUTIONS
a bel group

RoHS

MECHANICAL SPECIFICATION

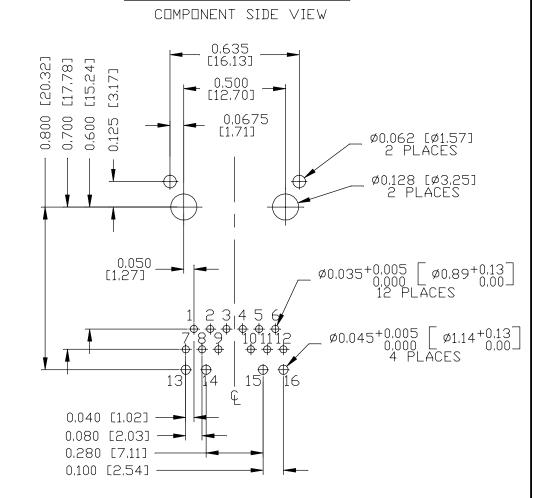
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## NOTES

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



RECOMMENDED PCB FOOTPRINT

						]
	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. [ ] ME'		[ ] METRIC DIM.	Г
ANTON LIAO	gigabit MagJack®	08261D1T43-F		IN INCH	AS REF.	
<b>DATE</b> 2016-08-10	(8 cores, Tab Up)	00201211101	$\overline{\mathbf{v}}$		UNIT : INCH [mm]	
DRAWN BY	0826-1D1T-43-F	FILE NAME	•л	/		ı
JESSE LI	PATENTED	0006101740 F 0016	.XX		SCALE : N/A	
<b>DATE</b> 2016-08-10	וחובווובט	08261D1T43-F_C,DWG	.XXX	±0.004	SIZE : A4	

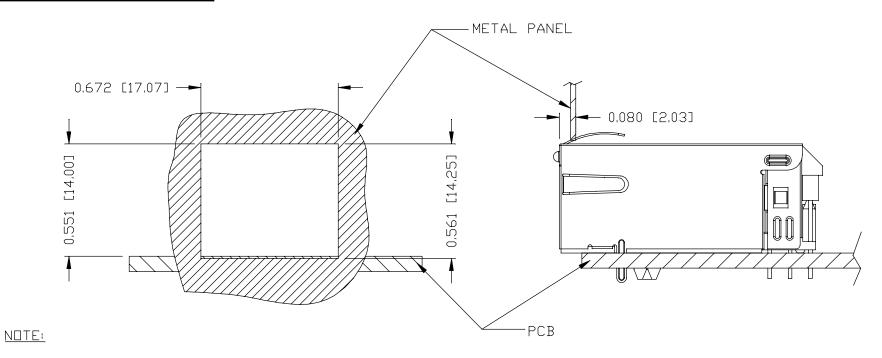
REV. : C PAGE : 4

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## SUGGESTED PANEL OPENING





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)

ORIGINATED BY	TITLE	pigabit MagJack® 8 cores, Tab Up)  PART NO. / DRAWING NO. STANDARD DIM. TOL. IN INCH		ARD DIM.	. [] METRIC DIM.	
ANTON LIAO				AS REF.		
<b>DATE</b> 2016-08-10	(8 cores, Tab Up)				UNIT : INCH [mm]	
DRAWN BY	0826-1D1T-43-F	FILE NAME		/		
JESSE LI	PATENTED	0006101740 F CDVC	.XX		SCALE : N/A	
<b>DATE</b> 2016-08-10	I HICKIED	08261D1T43-F_C.DWG	.XXX	±0,004	SIZE : A4	

REV. : C PAGE : 5

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