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WRITTEN APPROVAL OF BEL FUSE IN	1C.								
LED1 POLARITY	Y LED2 POLARITY	٦ .	LED	1					
	COLOR PIN 15 PIN 16 COLOR		3 •			SCHE	<u>MATIC</u>		•
			YELLOW	+					RJ45
	ELLOW - + GREEN		4 •	$\forall$					
ELECTRICAL CHARAC	<u>.TERISTICS @ 25°C</u>	1		1.4		1CT :	: 1CT		4 TDD4
TURNS RATIO			TRD1+ 1	II •			16		1 TRP1+
TP1	1CT : 1CT ±2%		TRCT1 1	12 •	$\dashv \circ \vdash$				
TP2 TP3	1CT : 1CT ±2%					3	اح		0. #854
TP4	1CT : 1CT ±2% 1CT : 1CT ±2%		TRD1- 1	10				$\neg$	2 TRP1-
□CL @ 100kHz/100m\						1CT :	: 1CT		
8mA DC BIAS	350µH MIN,		TRD2+ 4	4 •					3 TRP2+
INS, LOSS	,		TRCT2	6			<u> </u>		
0.1MHz TO 1MHz	-1.1 dB MAX					االإ	الإ		
1MHz TO 65MHz	-0.5 dB MAX		TRD2- S	5				$\longrightarrow \longrightarrow -$	6 TRP2-
65MHz TO 100MHz 100MHz TO 125MH:						1CT :	: 1CT		
RET, LOSS (MIN)	Z -I,C UD MAX		TRD3+ 3	3 •				$\rightarrow \rightarrow -$	4 TRP3+
0.5MHz-40MHz	-18 dB		TRCT3 1	1			1 \	_	
40MHz-100MHz	-12+20L0G(f/80MH	Hz) dB	INCID .	1 1		311	ξ		
CROSS TALK			TRD3- 8	2 •				<del>}                                    </del>	5 TRP3-
100kHz - 100MHz	-33+20L0G(f/100N	1Hz)dB MIN				1CT :	: 1CT		
CM TO CM REJ			TRD4+ 8	8 •				<del>}                                    </del>	7 TRP4+
100kHz - 100MHz	-30 dB MIN		TDCT4	7 .		311			
CM TO DM REJ 100kHz - 100MHz	-35 dB MIN		TRCT4	/ •		311	[		
HIPOT (Isolation Va			TRD4- 9	9 •			<u> </u>	<del>}                                    </del>	8 TRP4-
	TION TESTED TO COMPLY WITH								
	ATION REQUIREMENTS.		LED 2			4X 75	□HMS ≥ :	<b>} } }  </b>	
LED 1			15 •				\(\frac{1}{2}\).		
VF (FORWARD VI	DLTAGE) IF=20mA YELLOW	2.1V TYP.	CDEEN						
AD (DOMINANT W	AVELENGTH) IF=20mA YELLOW	590nm TYP,	GREEN	$\bigcirc$		1000	OpF 2kV		
LED 2			16 •					Ţ	
VF (FORWARD VO	DLTAGE) IF=20mA GREEN	2,2V TYP,					SHIELD 7		
AD (DOMINANT Wa	AVELENGTH) IF=20mA GREEN	570nm TYP,					0/11222 /	/ / /	
OPERATING TEMP	ERATURE: 0°C TO +70°C,					ſ	REV. :	D PAGE	: 2
	TITLE	PART NO. / DRAW	ING NO. STA	'ANDARD D	IM. [ ] METRIC	C DIM.			
CHOW WANCHUNG	gigabit MagJack®	08261A1T43	I m/	OL. IN INC			AND THE REAL PROPERTY.		
DATE 2016-08-09	(8 cores, Tab Up)		.x		UNIT : INCH	[mm]		<b>Del</b>	MAGNETIC
DRAWN BY	0826-1A1T-43-F	FILE NAME			SCALE : N/A		CONTRACTOR OF THE PERSON.		SOLUTIONS
SKY YOU <b>date</b> 2016-08-09	PATENTED	08261A1T43-F	ת היים ביים				- 全量点文	a bel group	
DATE COID-08-03		00C01H1143_L	_U,UWU <b>.x</b> x	XX /	⊕ <del>□</del> siz	E: A4			

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### MECHANICAL SPECIFICATION

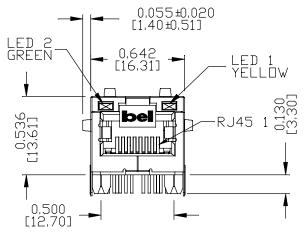


 $\times$ 

1.290 [32.77]

EADS

0,125 SIGNAL &



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, DATE CODE AND PATENTED.

calus ul recognized - file #E196366 AND E169987.

- 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

PEAR WAVE 3	ULDEKING	CUNTILION 12 560 C W	НΧ	AND IN SECTIONS MAY'			
ORIGINATED BY	TITLE			PART NO. / DRAWING NO.	STANDARD DIM.		[ ] METRIC DIM.
JESSE LI		gigabit MagJack®				TOL. IN INCH AS RE	
DATE 2016-08-09		(8 cores, Tab Up)	ores, Tab Up)		v		UNIT : INCH [mm]
DRAWN BY		0826-1A1T-43-F		FILE NAME	•Λ		
JOLLY LUO					.XX		SCALE : N/A
DATE 2016-08-09		PATENTED		08261A1T43-F_D.DWG	.XXX	±0,010	SIZE : A4

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DC002(2)120214

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0,055±0,020 [1,40±0,51]

0.305 [7.75]

0.125 [3.17] -

0.600 [15.24]

0.700 [17.78]

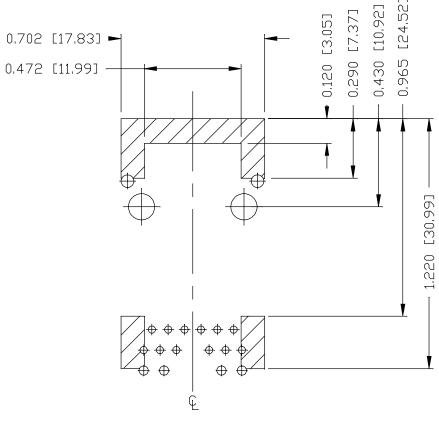
0.800 [20.32] -

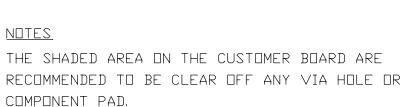
[3,68] LEADS

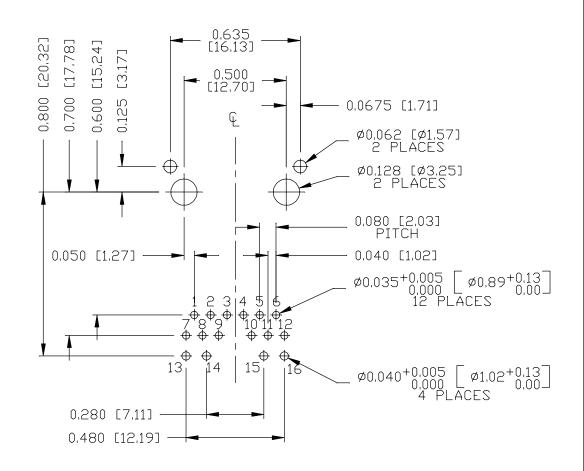
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# RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW









ORIGINATED BY	TITLE	PART NO. / DRAWING NO. STANDARD DIM.		[] METRIC DIM.		
JESSE LI Date 2016-08-09	gigabit MagJack®	08261A1T43-F	TOI IN IN			
DATE 2016-08-09	(8 cores, Tab Up)	002011111101	v		UNIT : INCH [mm]	
DRAWN BY	0826-1A1T-43-F	FILE NAME	·^			
JOLLY LUO		0006444740 5 55176	.XX		SCALE: N/A	
<b>DATE</b> 2016-08-09	PATENTED	08261A1T43-F_D.DWG	.XXX	±0.004	SIZE : A4	

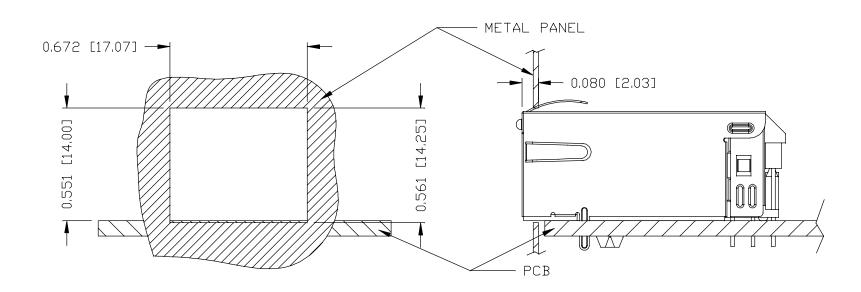
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#### SUGGESTED PANEL OPENING





#### 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-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)

							Ľ
ORIGINATED B	Y	TITLE	PART NO. / DRAWING NO.	STAND	ARD DIM.	[ ] METRIC DIM.	Γ
JESSE LI	00 00	gigabit MagJack®	oit MagJack® 08261A1T43-F		TOL. IN INCH AS REF.		
2,12,23	-08-09	(8 cores, Tab Up)		X		UNIT : INCH [mm]	1
DRAWN BY		0826-1A1T-43-F	FILE NAME	3/3/	/	SCALE : N/A	1
	_no_na	PATENTED	08261A1T43-F D.DWG	.XX			1
DATE 2016-08-09		m		.XXX		SIZE : A4	ᆜ

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