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WRITTEN APPROVAL OF BEL FUSE IN	IC,									
LED1 POLARITY	Y LED2 POLARITY		LEI	1						
			13 •				SCHE	MATIC_		•
			YELLOW							RJ45
	ILLOW – + GRE		14 •	\Box						
ELECTRICAL CHARAC	<u>TERISTICS @ 25°C</u>			11			1CT	: 1CT		4 TDD4
TURNS RATIO			TRD1+	11 •] [11.6		1 TRP1+
TP1	1CT : 1CT ±2%		TRCT1	12 •						
TP2	1CT : 1CT ±2%						الإ	$\ \xi\ $		0 7004
TP3 TP4	1CT : 1CT ±2% 1CT : 1CT ±2%		TRD1-	10 •					$\neg \neg \neg $	2 TRP1-
□CL @ 100kHz/100m\							1CT	: 1CT		
8mA DC BIAS	350µH MIN.		TRD2+	4 •─		닏			$\neg \neg \neg $	3 TRP2+
INS, LOSS	,		TRCT2	6 •				•		
0.1MHz TO 1MHz	-1.1 dB MAX						الإ	llξ		
1MHz TO 65MHz	-0.5 dB MAX		TRD2-	5 ←	+	<u> </u>			$\longrightarrow \longleftarrow \mid$	6 TRP2-
65MHz TO 100MHz 100MHz TO 125MH:							1CT	: 1CT		
RET, LOSS (MIN)	Z -1,C Q,B MAX		TRD3+	3 ←		{ m }			$\longrightarrow \longleftarrow \mid$	4 TRP3+
0.5MHz-40MHz	-18 dB		TRCT3	1 -			, , ,		_	
40MHz-100MHz	-12+20L0G(f/8	OMHz) dB	INCIS	1			31	$\ \xi\ $		
CROSS TALK			TRD3-	2 •					$\rightarrow \rightarrow$	5 TRP3-
100kHz - 100MHz	-33+20L0G(f/:	00MHz)dB MIN					1CT	: 1CT		
CM TO CM REJ	00 17 1471		TRD4+	8 •	-		101	. 101	$\rightarrow \rightarrow$	7 TRP4+
100kHz - 100MHz	-30 dB MIN		TDOT 4	7		70	31	¢		
CM TO DM REJ 100kHz - 100MHz	-35 dB MIN		TRCT4	/ •—]	3			
HIPOT (Isolation Vo			TRD4-	9 •	-			<u> </u>	$\rightarrow \rightarrow -$	8 TRP4-
	ION TESTED TO COMPLY WI	·H						ļ		
	TION REQUIREMENTS.	11	LED :	2			4X 75	□HMS }	> > >	
LED 1	TIBIT NEWSTREITERT OF		15 •——					}	<u> </u>	
VF (FORWARD VI	JLTAGE) IF=20mA YELL	JW 2,1V TYP,	CDEEN	\					• • •	
AD COMMINANT WA	AVELENGTH) IF=20mA YELL	JW 590nm TYP.	GREEN	' (4)			100	OpF 2kV		
LED 2			16 •——				100	opi ERV	$\overline{}$	
VF (FORWARD VI	JLTAGE) IF=20mA GREE	N 2,2V TYP,						SHIELD 7		
AD (DOMINANT WA	AVELENGTH) IF=20mA GREE	N 570nm TYP.						SHILLD /	/ / /	
OPERATING TEMP	ERATURE: 0°C TO +70°C,							REV. :	D PAGE	: 2
ORIGINATED BY	TITLE	PART NO. / DRA	WING NO. G	TANDAR	I _{MIG} G	[] METR	IC DIM			-
CHOW WANCHUNG	gigabit MagJack®	· ·	I ~	TOL. IN		AS REF		Water.		
DATE 2016-08-09	(8 cores, Tab Up)	08261A1T	43-r -	1		UNIT : INC				MAGNETIC
DRAWN BY	0826-1A1T-43-F	FILE NAME		X	-			730		SOLUTIONS
SKY YOU	PATENTED	0006181740		XX		SCALE : N/		A STATE OF	a bel group	
DATE 2016-08-09		08261A1T43-	ר חאתית.	xxx /	-	⊕ - sı	IZE : A4			

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MECHANICAL SPECIFICATION

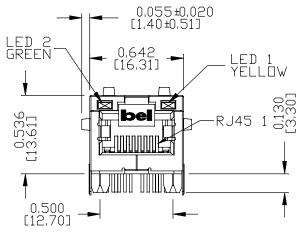


 \times

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.

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.

callus 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 S	חראדעזואם	CHUNITION 12 SOUC MA	47	AND IO SECTIONS MAY				
ORIGINATED BY	TITLE	E		PART NO. / DRAWING NO.	1 1 5 3		[] METRIC DIM.	
JESSE LI		gigabit MagJack®	.bit MagJack® 18261A1T43-F 1				AS REF.	
DATE 2016-08-09		(8 cores, Tab Up)		002011111101	v		UNIT : INCH [mm]	
DRAWN BY		0826-1A1T-43-F		FILE NAME	•Л			
JOLLY LUO		· · · · · · · · · · · · · · ·			.XX		SCALE : N/A	
DATE 2016-08-09		PATENTED		08261A1T43-F_D.DWG	.XXX	±0,010	SIZE : A4	

REV. : D PAGE : 3

MAGNETIC SOLUTIONS
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This document is electronically generated. This is a controlled copy if used internally

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

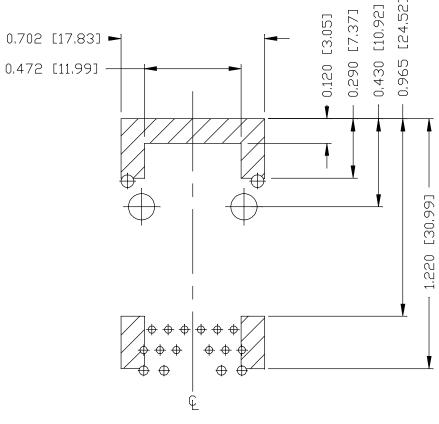
0,145 [ROUND

DC002(2)120214

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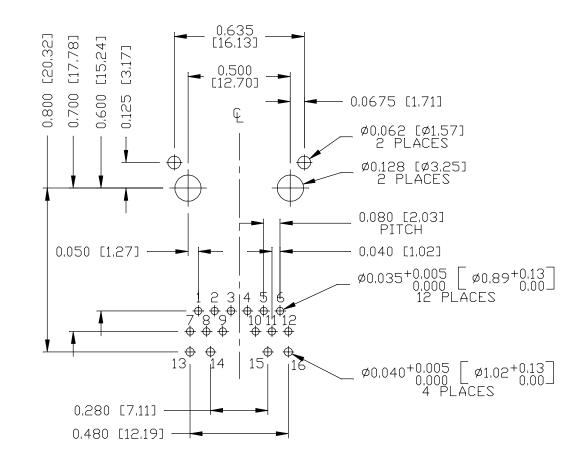
RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW







RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.



						Ŀ
ORIGINATED BY	TLE PART NO. / DRAWING NO.		NO. STANDARD DIM. [] METR		[] METRIC DIM.	Г
JESSE LI DATE 2016-08-09	gigabit MagJack®			IN INCH	AS REF.	
DATE 2016-08-09	(8 cores, Tab Up)	002011111101	v		UNIT : INCH [mm]	ı
DRAWN BY	0826-1A1T-43-F	FILE NAME	·^			ı
JOLLY LUO		00000141740 F DDV	.XX		SCALE: N/A	1
DATE 2016-08-09	PATENTED	08261A1T43-F_D,DWG	.XXX	±0.004	SIZE : A4	

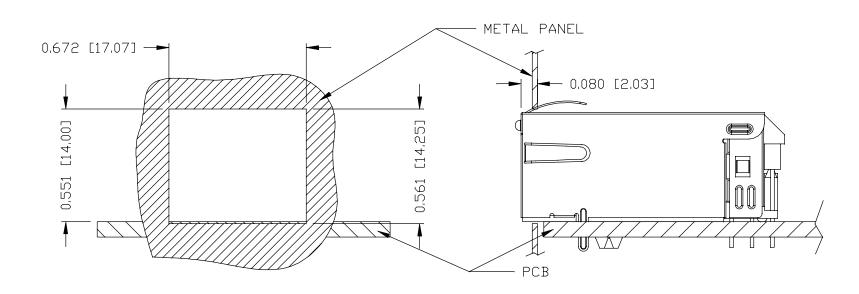
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SUGGESTED PANEL OPENING





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)

						L.
ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STAND	ARD DIM.	[] METRIC DIM.	
JESSE LI DATE 2016-08-09	gigabit MagJack®	08261A1T43-F		IN INCH	AS REF.	
DATE 2016-08-09	(8 cores, Tab Up)	002011111101			UNIT : INCH [mm]	1
DRAWN BY	0826-1A1T-43-F	FILE NAME	·A	/		ł
JOLLY LUO		0006141740 5 0016	.XX		SCALE : N/A	
DATE 2016-08-09	PATENTED	08261A1T43-F_D.DWG	.XXX	±0,004	SIZE : A4	

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