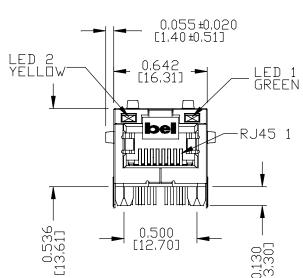
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WRITTEN APPROVAL OF BEL FUSE IN	C.						
LED1 POLARIT	Y LED2 POLARITY	13 •———	0 1				
	OLOR PIN 15 PIN 16 COLOR	`		<u>SCHE</u>	<u>MATIC</u>		_
	REEN - + YELLOW	GREEN					J45
ELECTRICAL CHARAC		14 •——		1CT	: 1CT		
TURNS RATIO	<u> </u>	TRD1+	11 •			<u>─</u> 1 7	TRP1+
TP1	1CT : 1CT ±2%	TRCT1	12		<u> </u>	_	
TP2	1CT : 1CT ±2%				ξ		
TP3 TP4	1CT : 1CT ±2% 1CT : 1CT ±2%	TRD1-	10 •			7 2 1	TRP1-
□CL @ 100kHz/100m\		TDDO	1 -		: 1CT		rnna .
8mA DC BIAS	350µH MIN.	TRD2+	4 •		16	7 3	TRP2+
INS, LOSS 0,1MHz TO 1MHz	-1.1 dB MAX	TRCT2	6 •		 		
1MHz TO 65MHz	-0,5 dB MAX	TRD2-	5				TRP2-
65MHz TO 100MHz	-0,8 dB MAX	INDE		∃ □ □ □	107		
100MHz TO 125MH	z —1,2 dB MAX	TRD3+	3 •		101	 	TRP3+
RET, LOSS (MIN) 0,5MHz-40MHz	-18 dB	TDOTO			¢		
40MHz-100MHz	-18 UB -12+20L0G(f/80MHz)	TRCT3	1	7 7 7 3	[
CROSS TALK		TRD3-	2 •		L	} 5 7	TRP3-
100kHz - 100MHz	-33+20L0G(f/100MHz			' 1CT :	: 1CT		
CM TO CM REJ	-30 dB MIN	TRD4+	8 •			} 7 7	TRP4+
100kHz - 100MHz CM TO DM REJ	-30 AB MIN	TRCT4	7				
100kHz - 100MHz	-35 dB MIN			الح کا	ξ		
HIPOT (Isolation Va		TRD4-	9 •			7 - 8	TRP4-
100% OF PRODUCTION	N TESTED TO COMPLY WITH	LED	2	4X 75		>	
IEEE 802,3 ISOLATII	IN REQUIREMENTS,	15 •——		47 75		>	
LED 1	11 TACE)		1		L + + + -	_	
VF (FORWARD VI		2V TYP, YELLOW 70nm TYP,	′ (本)	1000)pF 2kV <u> </u>		
LED 2	TVEELINGTIIN II EOIIII GINEEIN OA	16 •——					
VF (FORWARD VI					SHIELD 7/7/		
	AVELENGTH) IF=20mA YELLOW 59	∂0nm TYP.		_	, , , , ,		
OPERATING TEMPERA	TURE: 0°C TD +70°C,				REV. : C	PAGE :	2
	TITLE	I I	STANDARD DIM.	[] METRIC DIM.			
CHOW WANCHUNG date 2016-08-10	gigabit MagJack® (8 cores, Tab Up)	08261D1T43-F	TOL. IN INCH	AS REF.		MAGN	LETIC
DRAWN BY	0826-1D1T-43-F	FILE NAME		UNIT : INCH [mm]		SOLU	TIONS
SKY YOU	PATENTED			SCALE : N/A	a bel gr	oup	
DATE 2016-08-10		0050111143-1-01149	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-CDATED 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 [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 TITLE PART NO. / DRAWING NO. STANDARD DIM [] METRIC DIM. ANTON LIAO gigabit MagJack® TOL. IN INCH AS REF. 08261D1T43-F **DATE** 2016-08-10 (8 cores, Tab Up) UNIT : INCH [mm] DRAWN BY FILE NAME 0826-1D1T-43-F SCALE : N/A JESSE LI .XX PATENTED 08261D1T43-F C.DWG **DATE** 2016-08-10 SIZE : A4 XXX

REV. : C PAGE : 3

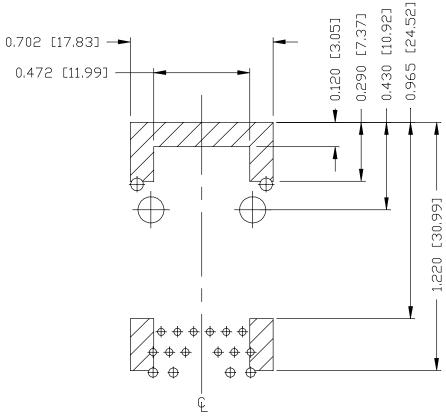
MAGNETIC SOLUTIONS
a bel group

RoHS

MECHANICAL SPECIFICATION

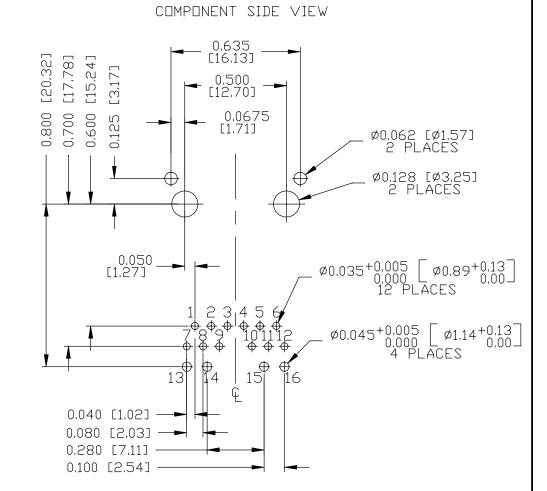
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NOTES

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



RECOMMENDED PCB FOOTPRINT

						R
	TITLE	PART NO. / DRAWING NO.	STAND.	ARD DIM.	[] METRIC DIM.	Г
ANTON LIAO	gigabit MagJack®	08261D1T43-F	TOL.	IN INCH	AS REF.	1
DATE 2016-08-10	(8 cores, Tab Up)	OOLOIDII IO I	v		UNIT : INCH [mm]	1
DRAWN BY	0826-1D1T-43-F	FILE NAME	•л			1
JESSE LI	PATENTED	08261D1T43-F_C,DWG	.XX		SCALE : N/A	1
DATE 2016-08-10	, , , , , , , , , , , , , , , , , , , ,	08281D11431 _C,DWd	.XXX	±0.004	SIZE : A4	L

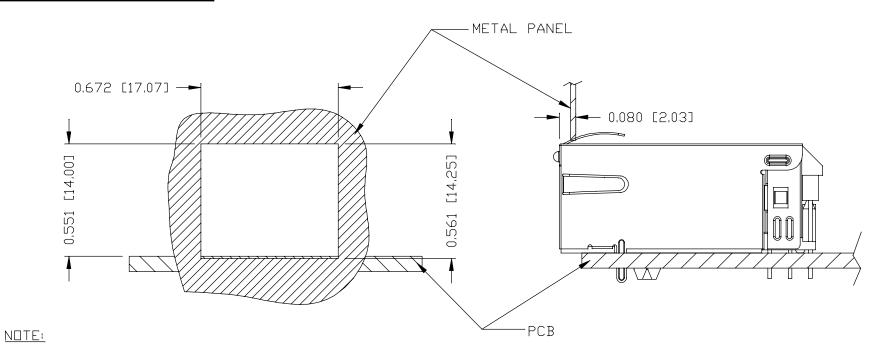
REV. : C PAGE : 4

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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	PART NO. / DRAWING NO.	STAND	ARD DIM.	[] METRIC DIM.
ANTON LIAO	gigabit MagJack®	08261D1T43-F		IN INCH	AS REF.
DATE 2016-08-10	(8 cores, Tab Up)		x		UNIT : INCH [mm]
DRAWN BY	0826-1D1T-43-F	FILE NAME	-25	/	SCALE : N/A
JESSE LI	PATENTED	08261D1T43-F_C.DWG	.XX		<u> </u>
DATE 2016-08-10		00E01B11 13 1 _6.B w d	.XXX	±0,004	\bigcirc SIZE : A4

REV. : C PAGE : 5

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