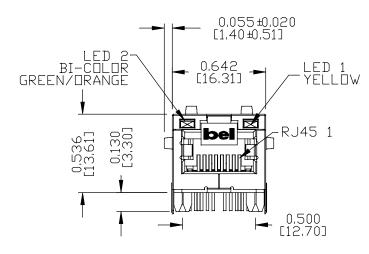
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WRITTEN APPROVAL OF BEL FUSE IN													
LED1 POLARITY	LED2 PO	DI ADITY			13 •—	LED:	1		20	<u>CHEMATIC</u>			
PIN 13 PIN 14 COL						1	\						
- + YELL					YELLOW								
					14 •——						_	5 45	
ELECTRICAL CHARACT	FRISTICS @ 25°0				TPN	l+ 11 •				1CT : 1CT		RJ45	1 TRP1+
TURNS RATIO		<u> </u>								3116 1			1 11/11,
TP1	,	1CT : 1CT ±2%			TRC	T1 12 •	•			$\longrightarrow \parallel \succeq$			
TP2		1CT : 1CT ±2%			TRN	l- 10 •							2 TRP1-
TP3		1CT : 1CT ±2%			TIVD.	1 10			\leq		_	[
TP4		1CT : 1CT ±2%			TPN	2+ 4 •				1CT : 1CT			3 TRP2+
□CL @ 100kHz/100mVF 8mA DC BIAS		350µH MIN,							_) 			JINILI
INS, LOSS	`	COOMIT TITLE			TRC1	T2 6 •	•		- H	──} ⊱			
0.1MHz_TO_1MHz	-	-1.1 dB MAX			TRN	2-5	•		\preceq				6 TRP2-
1MHz TD 65MHz 65MHz TD 100MHz		-0,5 dB MAX -0,8 dB MAX			11101					40T 40T	-		0 2
100MHz TO 125MHz		-1,2 dB MAX			TRN	3+ 3			⊢ ⊢	1CT : 1C7			4 TRP3+
RET. LOSS (MIN)		2.2 0.2 1/								عاارة ا			1 1101 51
0.5MHz-40MHz	-	-18 dB			TRC	ТЗ 1 •	•					ן ן	
40MHz-100MHz	-	-12+20L0G(f/8	80MHz) d]	В	TRD:	3-2	•					<u> </u>	5 TRP3-
CM TO CM REJ		OO ID MINI			11121	<i>-</i>			<u>'</u>	107 107	-		0 1111 0
100kHz - 100MHz CM TO DM REJ	-	-30 dB MIN			TRN	4+ 8			mi L	1CT : 1C7			7 TRP4+
100kHz - 100MHz	-	-35 dB MIN							$\overline{\mathcal{A}}$	રાાદ્ર <u>ે</u>			, , , , , , , , , , , , , , , , , , , ,
HIPOT (Isolation Vol 100% OF PRODUCTIO			2250VD	С	TRC	T4 7 •	•			── <u>}</u> ⊱	\neg		
100% OF PRODUCTION WITH IEEE 802,3 IS	IN TESTED TO CO	OMPLY Dement			TRD	4-9	•						8 TRP4-
OPERATING TEMPERAT		-40 TD +85°C											,,,
LED 1					15 •——	1			4 X	75 DHMS	\$ \$	\$ \$ \$	
VF (FORWARD VOL			2.1V TYF		GREE	и (Ұ) ORA	NGE	170	70 11110	\{	{	
人D(DOMINANT WAV LED 2	/ELENGTH) IF=2	10mA YELLOW	590nm T	YP,	16 •——						Ь,		
VF (FORWARD VOL	TAGE) IF=20	Oma ORANGE	2,0V TY	Р.	10 •	LED2	5			1000pF 2kV	/	-	
VI VI EIVWING VEE		Oma GREEN	2.2V TY									_	
人D (DOMINANT WAV			610nm T								7,	717/	
		Oma GREEN	570nm T	YP,									
OPERATING TEMPERA	11URE: -40 11 +8	35*6								REV. :	E	PAGE	: 2
	ritle		P	ART NO. /	DRAWING NO.	STANDA	RD DIM	[] мі	ETRIC DIN			I	
CHOW WANCHUNG	gigabit N	MagJack®			K1T32-F	TOL. IN			REF.	1	2		
DATE 2016-08-10		np, Tab Up)	<u> </u>		VI OL 1	.X		UNIT : 1	INCH [mr	n]			MAGNETIC SOLUTIONS
drawn by SKY Y□U		X1T-32-F	FI	ILE NAME				SCALE :		1			30LUTIONS
DATE 2016-08-10	PATE	ENTED	0	8261X1T3	32-F_E,DWG	.XX			SIZE :	A4	•	a bel group	
DC002(2)120214			This docum	nent is elect:	ronically generated	.XXX /		_					

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MECHANICAL SPECIFICATION



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.

LALISUL RECOGNIZED - FILE #E196366 AND E169987.

- 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.

ORIGINATED BY
ANTON LIAO
DATE 2016-08-10

DRAWN BY
JESSE LI
DATE 2016-08-10

TITLE

gigabit MagJack®
(Ext. Temp, Tab Up)
0826-1X1T-32-F
PATENTED

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

 08261X1T32-F
 TOL. IN INCH
 AS REF.

 .X
 UNIT: INCH [mm]

 .XX
 SCALE: N/A

 YXX
 ±0.010
 D.010

0.305 [7.75] 0.125 [3.17] 0.600 [15.24] 0.700 [17.78] 0.800 [20.32]

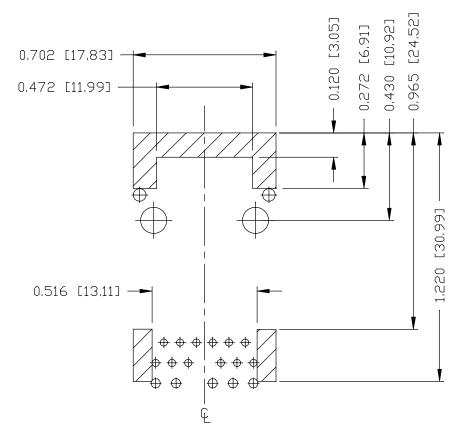


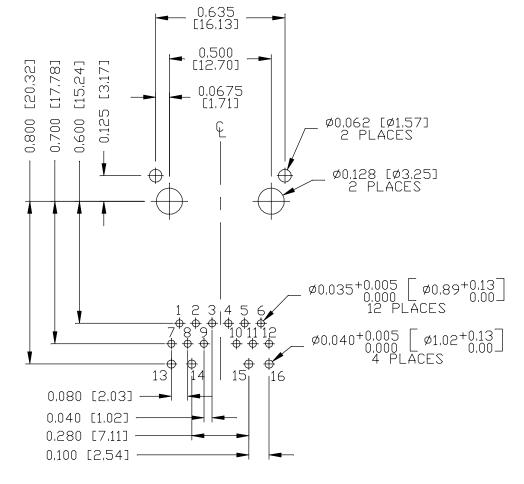
RoHS

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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.

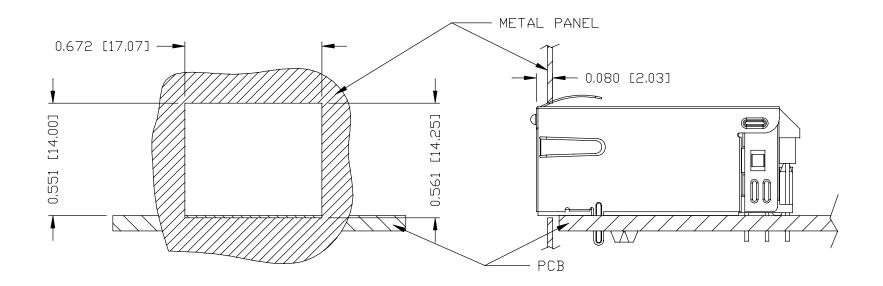
						RE
ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STANDA	ARD DIM.	[] METRIC DIM.	
ANTON LIAO	gigabit MagJack®	08261X1T32-F		IN INCH	AS REF.	
DATE 2016-08-10	(Ext, Temp. Tab Up)	7777	.x		UNIT : INCH [mm]	3
drawn by JESSE LI	0826-1X1T-32-F PATFNTFD	FILE NAME 08261X1T32-F E.DWG	.XX		SCALE : N/A	•
DATE 2016-08-10	I ATCIVICD	00E01/(110E 1 _E1D w d	.XXX	±0,004	SIZE : A4	

REV. : E PAGE : 4

MAGNETIC SOLUTIONS
a bel group

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)

]
ANTON LIAO	TITLE gigabit MagJack®	PART NO. / DRAWING NO. 08261X1T32-F	1	ARD DIM. IN INCH	[] METRIC DIM. AS REF.	
DATE 2016-08-10 DRAWN BY	(Ext, Temp, Tab Up)	FILE NAME	.x		UNIT : INCH [mm]	
JESSE LI	0826-1X1T-32-F PATENTED	08261X1T32-F_E,DWG	.XX		SCALE : N/A	
DATE 2016-08-10	THICKIED	00201/11 02 1 <u>_</u> 21D # 0	.XXX	±0,004	SIZE : A4	



Mouser Electronics

Authorized Distributor

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

Bel:

0826-1X1T-32-F