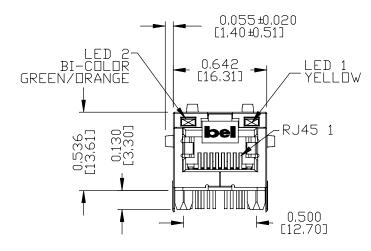
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WRITTEN APPROVAL OF BEL FUSE INC						
LED1 POLARITY	LED2 POLARITY	13 •——	LED1	SCHEMA	<u>TIC</u>	
PIN 13 PIN 14 COL						
- + YELL		YELLOW	(\overline{A})			
	- + GREEN	14 •			D 145	
ELECTRICAL CHARACT		TRD1+	11	101	: 1CT RJ45	1 TRP1+
TURNS RATIO		TINDIT	11 -		<u> </u>	1 11/1 11
TP1	1CT : 1CT ±2	TRCT1	12 •		3 	
TP2	1CT : 1CT ±2	TRD1-	10		/''\	2 TRP1-
TP3	1CT : 1CT ±2	TNDI	10 -		ſ -	
TP4	1CT : 1CT ±2	TRD2+		│	: 1CT	3 TRP2+
□CL @ 100kHz/100mVR 8mA DC BIAS	:MS 350µH MIN.	INDL	4		3116	3 INFET
INS, LOSS	330MI MIN.	TRCT2	2 6 •			
0,1MHz T□ 1MHz	-1,1 dB MAX	TRD2-	- 5			6 TRP2-
1MHz TO 65MHz 65MHz TO 100MHz	-0,5 dB MAX -0,8 dB MAX	TNDE	5			O TRI L
100MHz TO 125MHz	-0,8 dB MAX -1,2 dB MAX	TRD3+	2		: 1CT	4 TRP3+
RET, LOSS (MIN)	TIE OD MAX	IRUST	3			4 IREST
0.5MHz-40MHz	-18 dB	TRCT3	3 1 •	 		
40MHz-100MHz	-12+20LOG(f	30MHz) dB TRD3-	- 2			5 TRP3-
CM TO CM REJ		INDS	_ •	10.7		J IKI J
100kHz - 100MHz	-30 dB MIN	TDD4.	0 -	1CT	: 1CT	7 TDD4.
CM TO DM REJ 100kHz - 100MHz	-35 dB MIN	TRD4+	8 •			7 TRP4+
HIPOT (Isolation Vol		2250VDC TRCT4	1 7 • 	1 ' - 1		
I 100% OF PRODUCTIO	N TESTED TO COMPLY	TRD4-				O TDD4
	COLATION REQUIREMENT	1 K U 4 -	9 •			8 TRP4-
OPERATING TEMPERAT LED 1	URE: −40 T□ +85°	15 •——		47 75 0		
VF (FORWARD VOL	TAGE) IF=20mA YELLOV	2.1V TYP. GREEN	ORANGE	4X 75 □I	$HMS \geqslant \geqslant \geqslant \geqslant $	
	ELENGTH) IF=20mA YELLOV	590nm TYP,				
LED 2		16 •	<u> </u>	1000n	F 2kV	
VF (FORWARD VOL ⁻		2.0V TYP.	LED2			
LD (DOMINANT WAV)	IF=20mA GREEN ELENGTH) IF=20mA DRANGE	2.2V TYP. 610nm TYP.			7/7//	
VD (DUILININI WILV	IF=20mA GREEN	570nm TYP.			,,,,,	
OPERATING TEMPERA	TURE: -40 TO +85°C					
					EV. : E PAGE	: 2
ORIGINATED BY T CHOW WANCHUNG	ITLE gigabit MagJack®			METRIC DIM.	.c.Data =	
DATE 2016-08-10		08261X1T32-F		S REF.		MAGNETIC
DRAWN BY	(Ext. Temp, Tab Up) 0826-1X1T-32-F	FILE NAME	· ·	: INCH [mm]	製金りて	SOLUTIONS
SKY YOU	PATENTED	1.3	XX SCALE	: N/A	a bel group	
DATE 2016-08-10		08261X1T32-F_E.DWG	xxx / 🕀 🖯	SIZE : A4	- 4 Per Con Stook	
DC002(2)120214		This document is electronically generated.	This is a controlled cop	y if used internally		

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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.

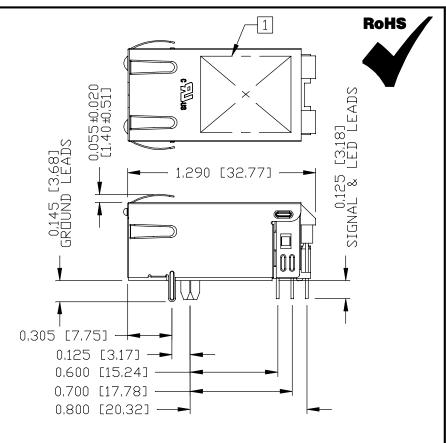
(ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.

callusul 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.

0101 11111 7)12 0)117					
ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[] METRIC DIM.
ANTON LIAO Date 2016-08-10	gigabit MagJack®	08261X1T32-F			AS REF.
	(Ext. Temp, Tab Up)		.x		UNIT : INCH [mm]
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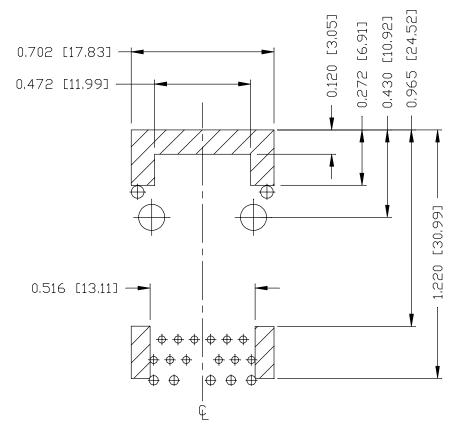


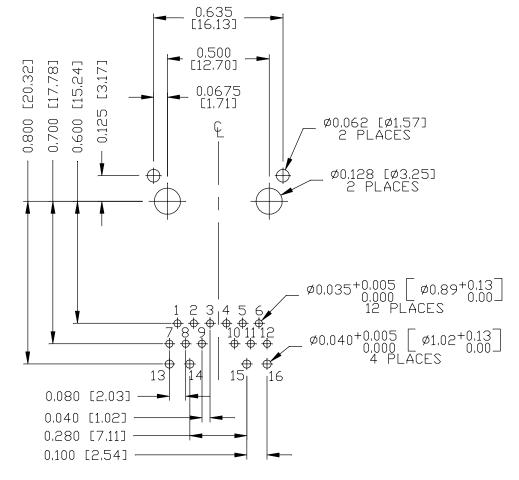


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RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW







NOTES

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

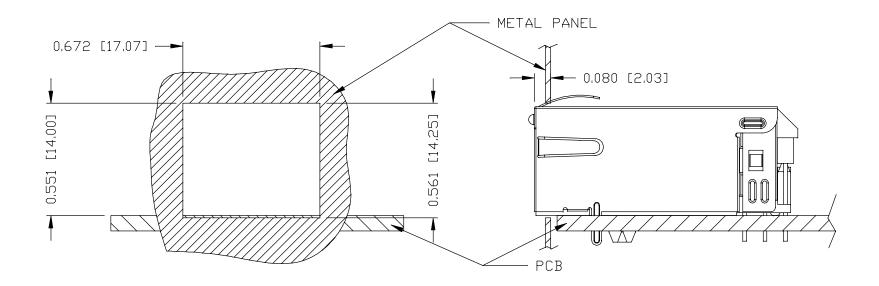
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ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[] METRIC DIM.	
ANTON LIAO	gigabit MagJack®	08261X1T32-F				
DATE 2016-08-10	(Ext, Temp, Tab Up)	00201/11/02 1	l v		UNIT : INCH [mm]	l
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MAGNETIC SOLUTIONS
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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)

						F
ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[] METRIC DIM.	Γ
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DATE 2016-08-10	(Ext, Temp, Tab Up)		v		UNIT : INCH [mm]	
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