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LED1 POLARITY			LED2 POLARITY			
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR	
- +		YELLOW	-	+	GREEN	



ELECTRICAL CHARACTERISTICS	<u>@ 25°C</u>	l FD1	SCHEMATIC LED1		
TURNS RATIO		13 • • • • •		1	
TP1	1CT : 1CT ±2%	YELLOW (大)		 RJ45	
TP2	1CT : 1CT ±2%	14 •		1 1045	
TP3	1CT : 1CT ±2%	TRD1+ 1 •	1CT : 1CT	1 TRP1+	
TP4	1CT : 1CT ±2%	ו דועאו		I IRPIT	
OCL @ 100kHz/100mVRMS	050 11 1471	TRCT1 3 ←			
8mA DC BIAS	350µH MIN.	TDD1 2 .	ا ہے الا	0 TDD1	
INS, LOSS		TRD1− 2 •		2 TRP1-	
0.1MHz_TO_1MHz	-1.1 dB MAX	TRD2+ 4 •	1CT : 1CT	3 TRP2+	
1MHz TO 65MHz	-0.5 dB MAX	ואשבי 4		JINILI	
65MHz TO 100MHz	-0.8 dB MAX	TRCT2 6 ∙			
100MHz TO 125MHz	-1.2 dB MAX	TRD2- 5 •		6 TRP2-	
RET. LOSS (MIN) @ 100 DHMS	40 ID	ואשב ט	107 107	O IKEL	
0.5MHz-40MHz	-18 dB	TRD3+ 7 ←	1CT : 1CT	4 TRP3+	
40MHz-100MHz CM T□ CM REJ	-12+20L0G(f/80MHz) dB			1 110	
100kHz - 100MHz	-30 dB MIN	TRCT3 9 ↔			
	-20 AP MIN	TRD3- 8 ↔		5 TRP3-	
CM TO DM REJ	OF JD MIN	TRES O	1CT : 1CT		
100kHz - 100MHz	-35 dB MIN	TRD4+ 10 ←		7 TRP4+	
HIPOT (Isolation Voltage):	1500 Vrms				
100% OF PRODUCTION TESTED	TO COMPLY WITH	TRCT4 12 ◆			
IEEE 802,3 ISOLATION REQUIR	EMENTS,	TRD4- 11 •		8 TRP4-	
LED 1		11(2)			
	IF=20mA YELLOW 2.1V TYP.	4=	4X 75 DHMS \$ \$ \$ \$		
VF (FORWARD VOLTAGE)		15			
AD (DOMINANT WAVELENGTH)	IF=20mA YELLOW 590nm TYP.	GREEN (本)	│		
LED 2	TE 00 4 CDEEN 00\/ T\/D	Ψ 1	10005 200		
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.	16 • LED2	1000pF 2k∨ <u>+</u>		
AD (D□MINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.	רבחכ]	
□PERATING TEMPERATURE: -4	Λ TΠ +85°C		SHIELD 7777		
	0 12 100 0				

ORIGINATED BY	DATE				
CHOW WANCHUNG	2012-10-17				
DRAWN BY	DATE				
TAN QIGUANG	2012-10-17				
DC002(2)081111					

TITLE Gigabit MagJack® NanoJack, Extend Temperature PATENTED

PART NO. / DRAWING NO. L886-1A2T-GA FILE NAME L886-1A2T-GA_A.DWG

[] METRIC DIM. AS REFERENCE STANDARD DIM. TOL. IN INCH UNIT : INCH [mm] REV. : SCALE: N/A SIZE: A4 PAGE:

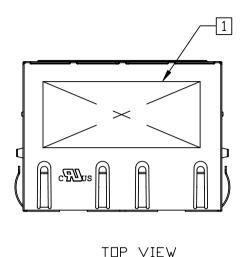


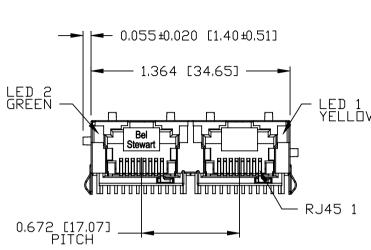
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MECHANICAL SPECIFICATION

NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA

FLAMMABILITY RATING UL 94V-0

30 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT. CONTACTS:

TIN-COATED COPPER WIRE, DIA 0.018 INCH. **DUTPUT PINS:**

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

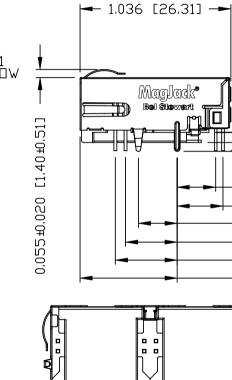
(ALL GROUND LEADS ARE SOLDER DIPPED)

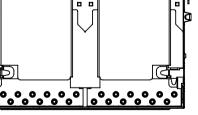
1. MARK PART WITH PART NUMBER, DATE CODE AND PATENTED.

c Tusul 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 ARE U.S PAT. 5,736,910

AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.





Mondodk

BOTTOM VIEW

ORIGINATED BY	DATE
ANTON LIAO	2012-10-17
DRAWN BY	DATE
HE ZHEN	2012-10-17
DC002(2)081111	•

TITLE PART NO. / DRAWING NO. Gigabit MagJack® NanoJack, Extend Temperature FILE NAME PATENTED

L886-1A2T-GA L886-1A2T-GA_A.DWG

STANDARD DIM. TOL. IN INCH X. .XX

±0.010

XXX

METRIC DIM. AS REFERENCE UNIT: INCH [mm] REV.: SCALE: N/A SIZE: A4

PAGE: 3

bel

RoHS

[3,17] LED LEADS

0.264 [6.71]

0.314 [7.98] 0.266 [6.76]

0.354 [8.99]

0.424 [10.77]

0.666 [16.92]

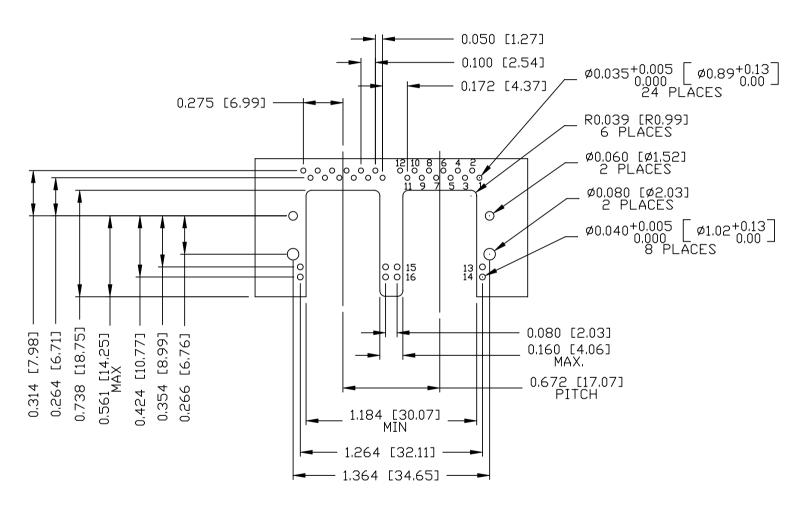
[9,55]

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RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW





ORIGINATED BY	DATE	_	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS	REFERENCE
ANTON LIAO	2012-10-17	Gigabit MagJack®	L886-1A2T-GA	TOL. IN INCH	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE	NanoJack, Extend Temperature	FILE NAME	.X .XX	SCALE: N/A	SIZE : A4
HE ZHEN	2012-10-17	PATENTED	L886-1A2T-GA_A.DWG	.XXX ±0.004		PAGE: 4



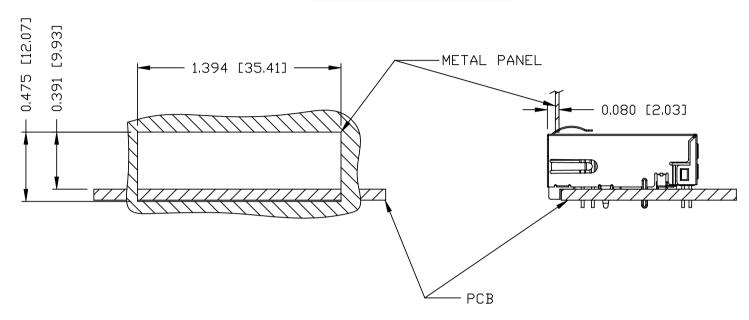
DC002(2)081111

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SUGGESTED PANEL OPENING





NOTES:

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 : 0200M9999-C2 (TOP)

0200M9999-C3 (BOTTOM)

PACKING QUANTITY: 36 PCS FINISHED GOODS PER TRAY

12 TRAYS (432 PCS FINISHED GOODS) PER CARTON BOX

NOTER: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKIING TRAY INSIDE CARTON BOX

(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	_	PART NO. / DRAWING NO.	STANDA	ARD DIM.	[] METRIC DIM. AS	REFERENCE	Γ.
ANTON LIAO	2012-10-17	Gigabit MagJack®	L886-1A2T-GA	TOL. I	N INCH	UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE	NanoJack, Extend Temperature	FILE NAME	.XX		SCALE: N/A	SIZE: A4	٥
HE ZHEN	2012-10-17	PATENTED	L886-1A2T-GA_A.DWG	.XXX	±0.004	\oplus	PAGE: 5	L
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