

LED1 POLARITY			LED2 POLARITY				
PIN 13	PIN 14	COLOR	PIN 15 PIN 16 COL				
-	+	GREEN	1	+	GREEN		

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS	RATIO
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TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
□CL @ 100kHz/100m∨RMS	(0-70 Deg. C)
8mA DC BIAS	350µH MIN.
INS. LOSS	
0.1MHz T□ 1MHz	-1.1 dB MAX

0.1MHz TO 1MHz -1.1 dB MAX 1MHz TO 65MHz -0.5 dB MAX 65MHz TO 100MHz -0.8 dB MAX 100MHz TO 125MHz -1.2 dB MAX

RET, LOSS (MIN) @ 100 OHMS +/-15%

0.5MHz-40MHz -18 dB

40MHz-100MHz -12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz - 35 dB MIN HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH

IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1&2

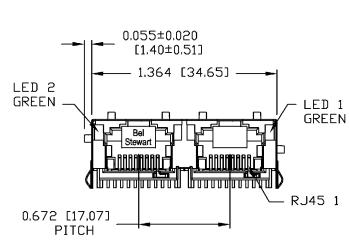
VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP. AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.

LED1	SCHEMATIC	_
13 GREEN GREEN		RJ45
14 • TRD1+ 1 • •	1CT : 1CT	1 TRP1+
TRCT1 3 ← TRD1- 2 ←		2 TRP1-
TRD2+ 4 ← TRCT2 6 ←	1CT : 1CT	3 TRP2+
TRD2- 5 ←		6 TRP2-
TRD3+ 7 ←	1CT : 1CT	4 TRP3+
TRCT3 9 ← TRD3- 8 ←		5 TRP3-
TRD4+ 10 ←	1CT : 1CT	7 TRP4+
TRCT4 12 ← TRD4- 11 ←		8 TRP4-
15 GREEN (A)	4X 75 OHMS	
16 • LED2	1000pF 2kV	
	SHIELD 7777	

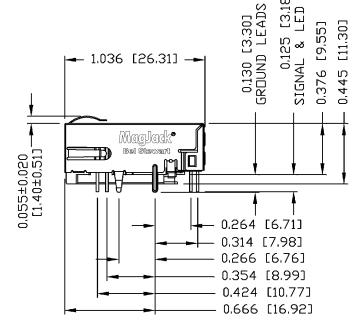
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		
WANCHUNG CHOW	07-25-08	gigabit MagJack®	L886-1G2T-BF	TOL. 1	N INCH	UNIT : INCH [mm]	REV. : B	1 🏻
DRAWN BY	DATE	(NanoJack)	FILE NAME	.xx		SCALE: N/A	SIZE : A4	T ~
LI YONGFENG	07-25-08		L886-1G2T-BF_B.DWG	.XXX			PAGE: 2	Ľ
D. 4444 (4)44444								

DC002(2)032305

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MECHANICAL SPECIFICATION



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA

TOP VIEW

FLAMMABILITY RATING UL 94V-0

CONTACTS: 30 MICRO-INCH HARD GOLD PLATING

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

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

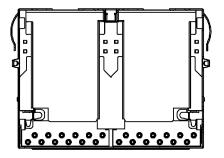
(ALL GROUND LEADS ARE SOLDER DIPPED)

[1] MARK PART WITH PART NUMBER, AND DATE CODE.

C TUSUL RECOGNIZED - FILE #E196366 AND E169987.

2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.



BOTTOM VIEW

ORIGINATED BY CHRIS NG	DATE 07-25-08	TITLE	PART NO. / DRAWING NO. L886-1G2T-BF		ARD DIM. IN INCH	[] METRIC DIM. AS	1	Ţ
DRAWN BY	DATE	gigabit MagJack [®] (NanoJack)	FILE NAME	.X		UNIT : INCH [mm] SCALE : N/A	REV. : B	ł
LU XUEPING	07-25-08		L886-1G2T-BF_B.DWG	.XXX	±0.010	$\hspace{0.1cm} \hspace{0.1cm} \hspace$	PAGE: 3	1



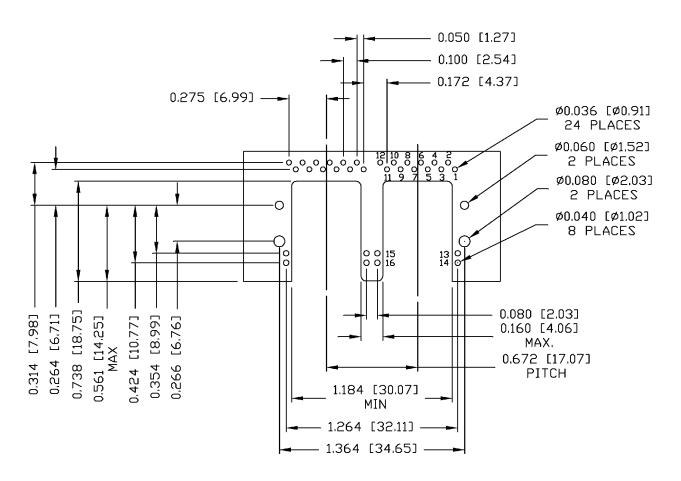
RoHS

EADS

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RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW

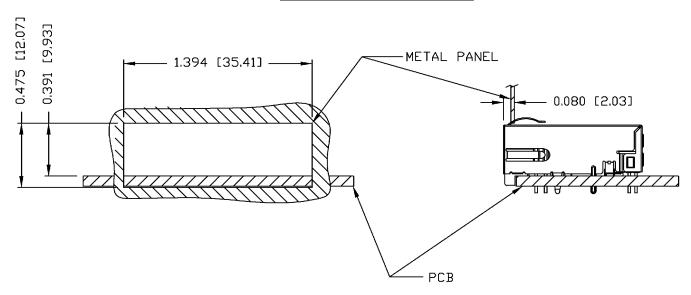


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD I	DIM. [] METRIC DIM. AS	REFERENCE
CHRIS NG	07-25-08	gigabit MagJack®	L886-1G2T-BF	TOL. IN IN	ICH T	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE	(NanoJack)	FILE NAME	.XX	s	SCALE: N/A	SIZE: A4
LU XUEPING	07-25-08		L886-1G2T-BF_B.DWG		0.004	\oplus	PAGE: 4



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	TITLE	PART NO. / DRAWING NO.	STANDA	RD DIM.	[] METRIC DIM. AS	REFERENCE
CHRIS NG	07-25-08	gigabit MagJa⊂k®	L886-1G2T-BF	TOL. II	N INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE	(NanoJack)	FILE NAME	.XX		SCALE : N/A	SIZE: A4
LU XUEPING	07-25-08		L886-1G2T-BF_B.DWG	.XXX	±0,004	\oplus	PAGE: 5

