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LED1 POLARITY			LEI)2 POLAR	ITY
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
_	+	YELLOW	+	_	DRANGE
			_	+	GREEN

SCHEMATIC



ELEUIK	(ILAL_	LHARAL	FK12	162	[al	25°l	_
TIIDNIC							

<u>Eleutrical characteristics @ 23</u>	<u>5°L</u>	_	
TURNS RATIO	1CT	. 1	
RX	1CT		
OCL @ 100kHz/100mVRMS 8mA DC BIAS	350,	1H N	ATNI
INS. LOSS	000	211 1	IIIVI
1MHz TO 100MHz RET. LOSS (MIN)	-1.0	dВ	MAX
1MHz-30MHz	-18	dВ	
30MHz-60MHz			.0G(F/
60MHz-80MHz	-12	dВ	
CROSS TALK (TX - RX) 500kHz-1MHz	-70	dВ	MIN
10 MHz	-50		
30 MHz	-45		
50 MHz 100 MHz	-40 -35		
CM TO CM REJ			
100kHz-1MHz	-70		–
10 MHz 30 MHz			MIN MIN
60 MHz	-37		
100 MHz	-30		
CM TO DM REJ	7 ^	ı.F.	
100kHz-1MHz	-70	dВ	MTN

1CT : 1 1CT : 1	
350µH MIN.	
-1.0 dB MAX	
-18 dB	

-18+	-20L0G(F/30MHz)	dВ
-12	dB	

-35	dВ	MIN	
-70			
-47 -42			
-37 -30			

CM TO DM REJ	
100kHz-1MHz	-70 dB MIN
10 MHz	-60 dB MIN
30 MHz	-50 dB MIN
60 MHz	-45 dB MIN
100 MHz	-40 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms
100% OF PRODUCTION TESTED TO	COMPLY WITH

100%	ΠF	PR		CTION	TESTEI		COMPLY	WIT
IFFF	803	2.3	ISII	ИПІТА	V REQUI	REME	NTS.	

LED1	, RJ45
7 YELLOW 8	
TCT 1 1CT : 1	1 TX+
TD+ 2	
TD- 3 •	2 TX-
1CT : 1	3 RX+
RD- 5 •	4 5
RCT 6	6 RX- 7
GREEN GRANGE 4X 750HMS	8
LED2 1000pF 2KV	
LED 1 SHIELD 7///	
VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1	V TYP. Onm TYP.
VF (FORWARD VOLTAGE) IF=20mA ORANGE 2.0 GREEN 2.2	
AD (DOMINANT WAVELENGTH) IF=20mA ORANGE 60	5nm TYP,

ORIGINATED 1		TITLE	MagJack®
CHOW WA	NCHUNG 2013-07-2	3 (4 Cores	5, MDIX, CM Termination)
DRAWN BY	DATE		08B0-1X1T-06-F
TAN QIGU	ANG 2013-07-2	3	PATENTED

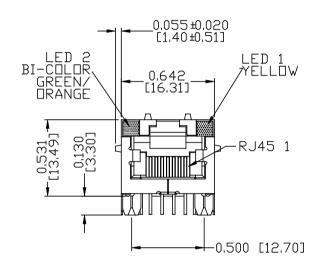
	PART NO. / DRAWING NO.	STANDA	RD DIM.	[] METRIC DIM. AS	REFERENCE
١	08B01X1T06-F	TOL. I	N INCH	UNIT : INCH [mm]	REV. : D
	FILE NAME	.X .XX		SCALE : N/A	SIZE : A4
	08B01X1T06-F_D.DWG	.XXX		-	PAGE : 2



GREEN 570nm TYP.

MECHANICAL SPECIFICATION





NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT

FLAMMABILITY RATING UL 94V-0

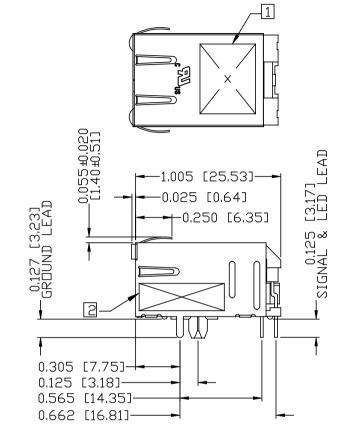
CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH. METAL SHIELD: PRE-PLATED NICKEL ON COPPER ALLOY.

[] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER AND DATE CODE.

2. "PATENTED" MARKING.

C Nus UL RECOGNIZED - FILE #E196366 AND E169987.



- 3. THE PRODUCT IS ROHS COMPLIANT.
- 4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- 5. THE PRODUCT IS PATENTED. THE PATENT NUMBER IS U.S. PAT. 5,736,910.

ORIGINATED BY ANTON LIAO	DATE 2013-07-23	TITLE (4 Cores, M
drawn by JESSE LI	DATE 2013-07-23	08B

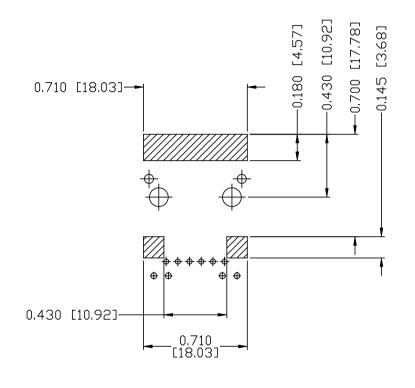
TITLE		MagJack®			ľ
(4	Cores,	MDIX,	СМ	Termination)	L
08B0-1X1T-06-F					
PATENTED					

)	PART NO. / DRAWING NO. 08B01X1T06-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE UNIT: INCH [mm] REV.: D		
FI	FILE NAME 08B01X1T06-F_D,DWG	.X			SIZE : A4	
		.XXX	±0.010	$\bigoplus $	PAGE: 3	

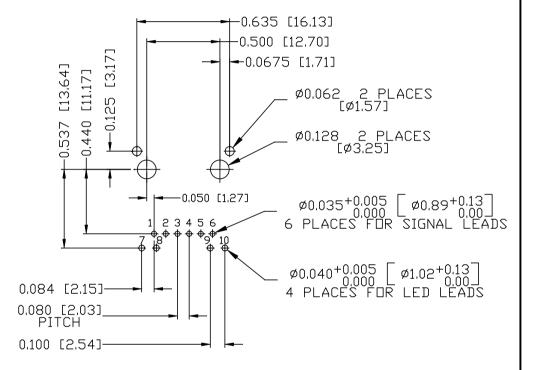


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RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



NOTES:

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

ORIGINATED BY ANTON LIAO	DATE 2013-07-23	MagJack® (4 Cores, MDIX, CM Termination)
DRAWN BY	DATE	08B0-1X1T-06-F
JESSE LI	2013-07-23	PATENTED

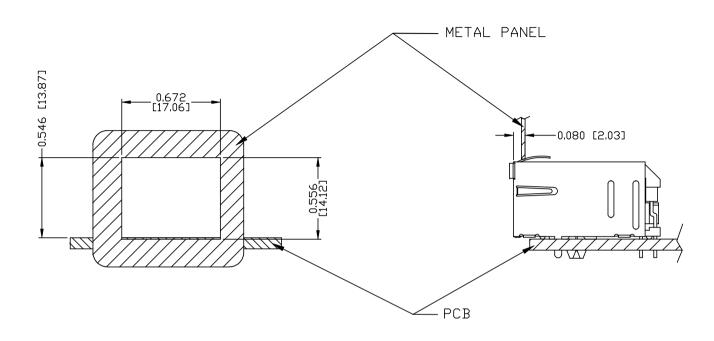
PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE			
08B01X1T06-F	TOL. I	N INCH	UNIT : INCH [mm]	REV. : D		
FILE NAME	.X		SCALE: N/A	SIZE : A4		
08B01X1T06-F_D.DWG	.XX			DIZE . AT		
00D01X1100 1 _D.D w d	.XXX	±0,004	(⊕) ← ←	PAGE: 4		



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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-D4(TOP)

0200-9999-D5(BOTTOM)

PACKING QUANTITY: 60 PCS FINISHED GOODS PER TRAY

11 TRAYS (660 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		Magjack®	PART NO. / DRAWING NO.	STANDA		[] METRIC DIM. AS	REFERENCE	Γ
ANTON LIAO	2013-07-23	(4 Cores, MDIX, CM Termination)	08B01X1T06-F	TOL. II	N INCH	UNIT : INCH [mm]	REV.: D	IJ
DRAWN BY	DATE	08B0-1X1T-06-F	FILE NAME	.X .XX		SCALE: N/A	SIZE: A4] ,
JESSE LI	2013-07-23	PATENTED	08B01X1T06-F_D.DWG	.XXX	±0,004	$\bigoplus \Box$	PAGE: 5	

