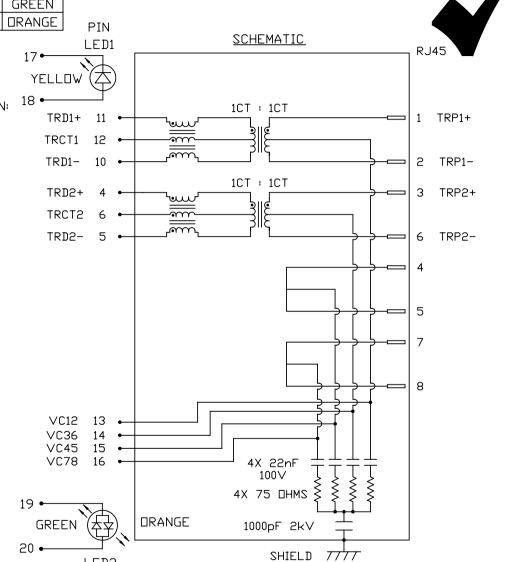
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LED1 POLARITY			LED2 POLARITY			
PIN 17	PIN 18	COLOR	PIN 19	PIN 20	COLOR	
-	- + YELLOW		-	+	GREEN	
			+	1	DRANGE	



ELECTRICAL CHARACTERISTICS @ 25°C TURNS RATIO TP1 1CT: 1CT: 27, TP2 1CT: 1CT: 27, TP2 1CT: 1CT: 27, TP2 1CT: 1CT: 27, TP3 TP4 TP5 TP6 TP7 TP7 TP7 TP8 TP8 TP9 TP9 TP9 TP9 TP1 TP9 TP1 TP9 TP1 TP1			'	TELLUW		T	יט
TURNS RATID TP1 TP2 1CT: 1CT ±2% TP2 1CT: 1CT ±2% TP2 TP2 1CT: 1CT ±2% TP3 TP4 TP5 TP5 TP7					+	_	ΠR
TP1 TP2 TP2 TP2 TCT: 1CT: 22% TCT: 1CT: 22% TCT: 1CT: 22% TCT: 1CT: 22% TCT: 1CT: 1CT: 22% TCT: 1CT: 1CT: 12% TCT: 12% TCT: 1CT: 12% TCT: 1CT: 12% TCT: 1CT: 12% TCT: 1CT: 12% TCT: 12% TCT: 1CT: 12	ELECTRICAL CHARACTERISTICS @	25°C					
PAIRS (1-2) AND (3-6). INS. LOSS 0.1MHz TO 1MHz	TP1						
0.1MHz TD 1MHz	PAIRS (1-2) AND (3-6).	nA DC BI	AS FROM	0°C T□	70°C = 3	350uH MIN	N: 1
0.5MHz-40MHz	0.1MHz TO 1MHz 1MHz TO 65MHz 65MHz TO 100MHz	-0.6 dB -0.8 dB	MAX MAX				
100kHz - 1MHz	0.5MHz-40MHz]G(f/80MI	Hz) dB			
100kHz - 100MHz -30 dB MIN CM TO DM REJ 100kHz - 100MHz -25 dB MIN DCR PINS CABLE SIDE (1-2) AND (3-6): 1.0 OHMS MAX. HIPOT (Isolation Voltage): 2250 VDC 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS. BALANCED DC LINE CURRENT 700 mA MAX. @ 57 VDC CONTINUOUS 1.2A MAX. @ 57 VDC FOR 200 MILLISECONDS LED 1 VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP. AD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP. LED 2 VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP. ORANGE 2.0V TYP. AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.	100kHz - 1MHz						
DCR PINS CABLE SIDE (1-2) AND (3-6): 1.0 DHMS MAX. HIPDT (Isolation Voltage): 2250 VDC 100% DF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS. BALANCED DC LINE CURRENT 700 mA MAX. @ 57 VDC CONTINUOUS 1.2A MAX. @ 57 VDC FOR 200 MILLISECONDS LED 1 VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP. AD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP. LED 2 VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP. DRANGE 2.0V TYP. AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.	100kHz - 100MHz	-30 dB	MIN				
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS. BALANCED DC LINE CURRENT 700 mA MAX. @ 57 VDC CONTINUOUS 1.2A MAX. @ 57 VDC FOR 200 MILLISECONDS LED 1 VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP. AD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP. LED 2 VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP. ORANGE 2.0V TYP. AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.				ИАХ.			
1.2A MAX. @ 57 VDC FOR 200 MILLISECONDS LED 1 VF (FORWARD VOLTAGE)	100% OF PRODUCTION TESTED	TO COMPL	_				
VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP. AD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP. LED 2 VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP. ORANGE 2.0V TYP. AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.	1.2					NDS	
VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP. ORANGE 2.0V TYP. AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.	VF (FORWARD VOLTAGE) AD (DOMINANT WAVELENGTH)						1
AD (DUMINANT WAVELENGTH) IF-20MA GREEN JOJNM ITF.		IF=20mA					_
	AD (DOMINANT WAVELENGTH)	IF=20mA					

ORIGI	NATED BY	DATE	TITLE
CHOW	/ WANCHUNG	2012-08-14	
DRAWN	N BY	DATE	
TAN	QIGUANG	2012-08-14	

10/100 MagJack® with PoEp PATENTED

PART NO. / DRAWING NO. 0838-1X1T-W6 FILE NAME 0838-1X1T-W6_B.DWG STANDARD DIM. TOL. IN INCH X. .XX

.XXX

LED2

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

COMPONENTS FOR A CONNECTED PLANET SIZE: A4 PAGE: 2

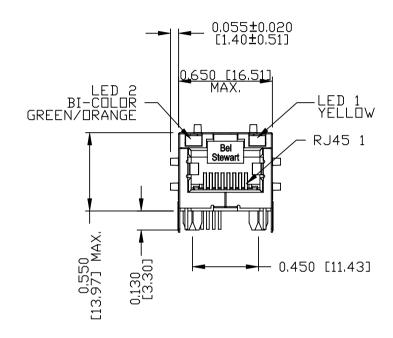
RoHS

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MECHANICAL SPECIFICATION



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT.

FLAMMABILITY RATING UL 94V-0.

CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

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

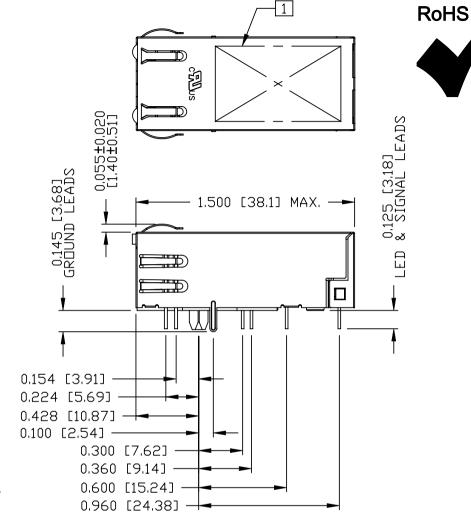
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG LOGD, MFG NAME, PART NUMBER,

DATE CODE AND PATENTED.

c Rus UL RECOGNIZED - FILE #E196366 AND E169987.



- 2. THE PRODUCT IS ROHS COMPLIANT.
- 3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
- 4. THE PRODUCT IS PATENTD. THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817 AND ILS. PAT. 7.123.117.

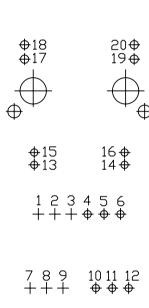
			0101 11111 7)120)1171			
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS	REFERENCE	Γ
ANTON LIAO	2012-08-14	-	0838-1X1T-W6	TOL. IN INCH	UNIT : INCH [mm]	REV. : B	l
DRAWN BY	DATE	with PoEp	FILE NAME	.X .XX	SCALE: N/A	SIZE: A4	
HE ZHEN	2012-08-14	PATENTED	0838-1X1T-W6_B.DWG	.XXX ±0.010	$\begin{array}{c c} & & & \\ \hline & & & \\ \hline \end{array}$	PAGE: 3	
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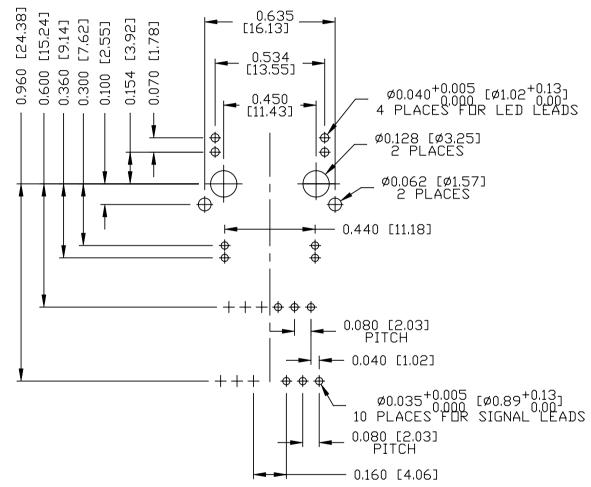
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RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW







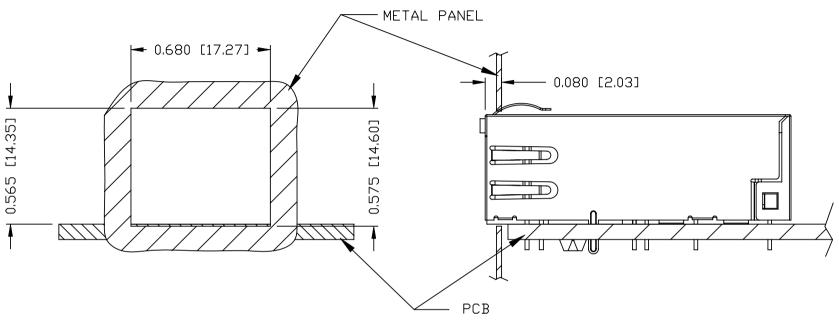
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	CELLIDADD :	DD/ 1	[] WEEDIG DIM AC	DEFEDENCE	Т
ANTON LIAO	2012-08-14		0838-1X1T-W6	STANDARD TOL. IN IN	VICIT I	[] METRIC DIM. AS	_	ł
DRAWN BY	DATE	with PoEp	FILE NAME	.X		UNIT : INCH [mm] SCALE : N/A	SIZE : A4	1
HE ZHEN	2012-08-14	PATENTED	0838-1X1T-W6_B.DWG	.XXX ±0	0.004		PAGE: 4	1



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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-R3 (TOP)

0200-9999-R4 (BOTTOM)

PACKING QUANTITY: 42 PCS FINISHED GOODS PER TRAY

10 TRAYS (420 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 DATE ANTON LIAD 2012-08-14 10/100 MagJack® PART NO. / DRAWING NO. 0838-1X1T-W6 STANDARD DIM. TOL. IN INCH UNIT: INCH [mm] RE	Man lock®	REFERENCE	2
ANTON LIAD 2012-08-14 10/100 MagJack® 0838-1X1T-W6 TOL. IN INCH UNIT: INCH [mm] RE	MOO JOCK®		_
	UNI : INCH [IIIII] RE	REV.: B	
	SCALE: N/A ISIZ	SIZE: A4	
THE /HEN 2007-08-141 100-09-09-09-09-09-09-09-09-09-09-09-09-0	1 0000 1V1T 1/C D D1/C	PAGE: 5	1

