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LED1 POLARITY			LED2 POLARITY		
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
-	+	YELLOW	+	-	ORANGE
/	/	/	-	+	GREEN

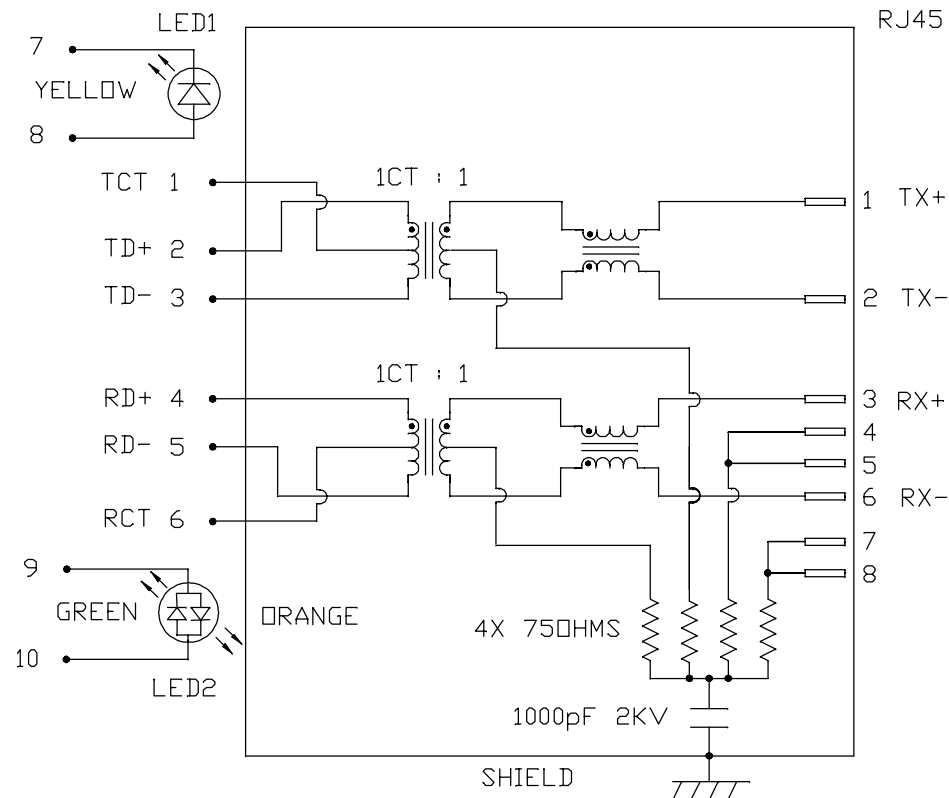
RoHS



ELECTRICAL CHARACTERISTICS @ 25°C

TRANSFORMER RATIO	
TX	1CT : 1
RX	1CT : 1
OCV @ 100kHz/100mVRMS	
8mA DC BIAS	350µH MIN.
INS. LOSS	
1MHZ TO 100MHZ	-1.0 dB MAX
RET. LOSS (MIN)	
1MHZ-30MHZ	-18 dB
30MHZ-60MHZ	-18+20LOG(F/30MHZ) dB
60MHZ-80MHZ	-12 dB
CROSS TALK (TX - RX)	
500kHz-1MHZ	-70 dB MIN
10 MHz	-50 dB MIN
30 MHz	-45 dB MIN
50 MHz	-40 dB MIN
100 MHz	-35 dB MIN
CM TO CM REJ	
100kHz-1MHZ	-70 dB MIN
10 MHz	-47 dB MIN
30 MHz	-42 dB MIN
60 MHz	-37 dB MIN
100 MHz	-30 dB MIN
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 IEEE 802.3 ISOLATION REQUIREMENTS.	
OPERATING TEMPERATURE: 0°C TO +70°C.	

SCHEMATIC



LED 1	VF (FORWARD VOLTAGE)	IF=20mA	YELLOW 2.1V TYP.
	λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW 590nm TYP.
LED 2	VF (FORWARD VOLTAGE)	IF=20mA	ORANGE 2.0V TYP.
	λD (DOMINANT WAVELENGTH)	IF=20mA	ORANGE 605nm TYP.
			GREEN 2.2V TYP.
			GREEN 570nm TYP.

REV. : F PAGE : 2

ORIGINATED BY
CHOW WANCHUNG
DATE 2017-03-06
DRAWN BY
XIE YIMING
DATE 2017-03-06

TITLE
MagJack®
(4 Cores, MDIX, CM Termination)
08B0-1X1T-06-F

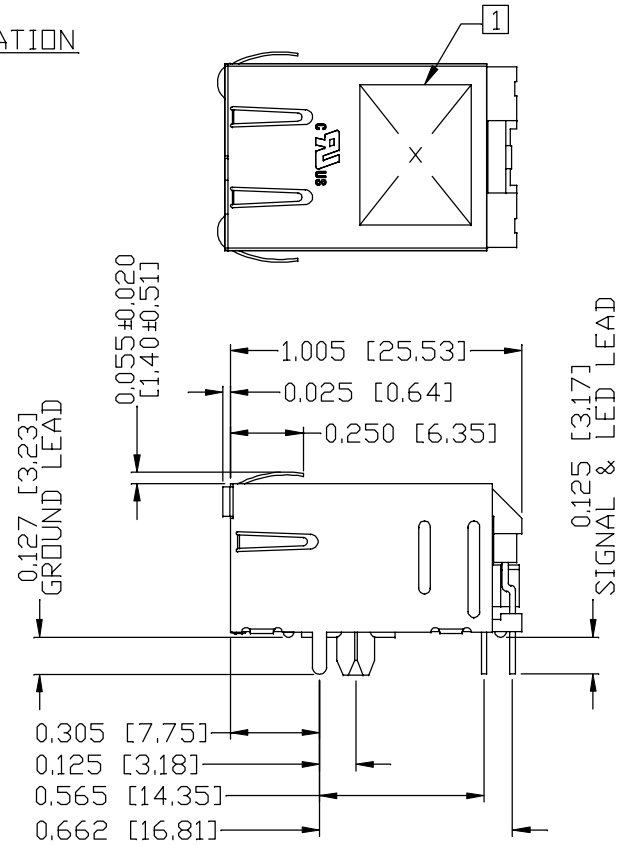
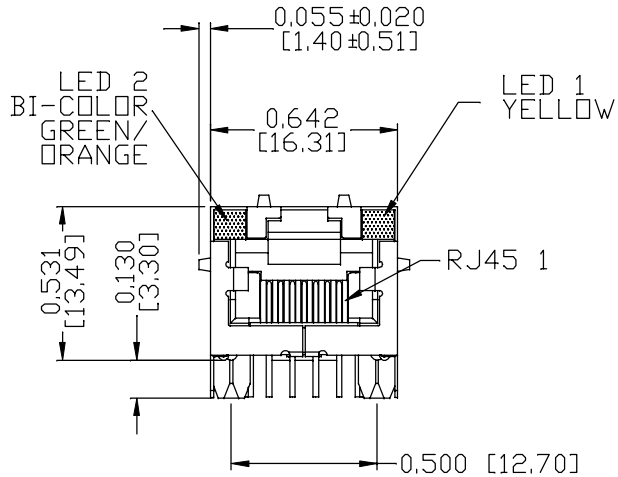
PART NO. / DRAWING NO.
08B01X1T06-F
FILE NAME
08B01X1T06-F_F.DWG

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



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MECHANICAL SPECIFICATION



NOTES:

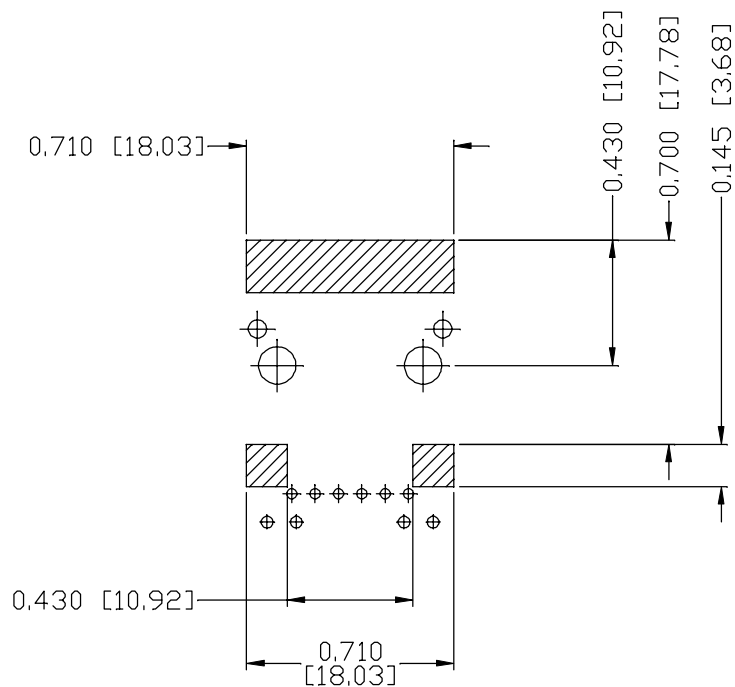
- PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK
FLAMMABILITY RATING UL 94V-0
- CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT
- PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH,
100 MICRO-INCH MIN MATTE TIN, PINS ARE SOLDER DIPPED,
- METAL SHIELD: PRE-PLATED NICKEL ON COPPER ALLOY,
(ALL GROUND LEADS ARE SOLDER DIPPED)
- MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER AND DATE CODE.
- UL RECOGNIZED - FILE #E196366 AND E169987.
- 2. THE PRODUCT IS RoHS COMPLIANT.
- 3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS,
PART 68 SUBPART F.

5. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX AND 10 SECONDS MAX.

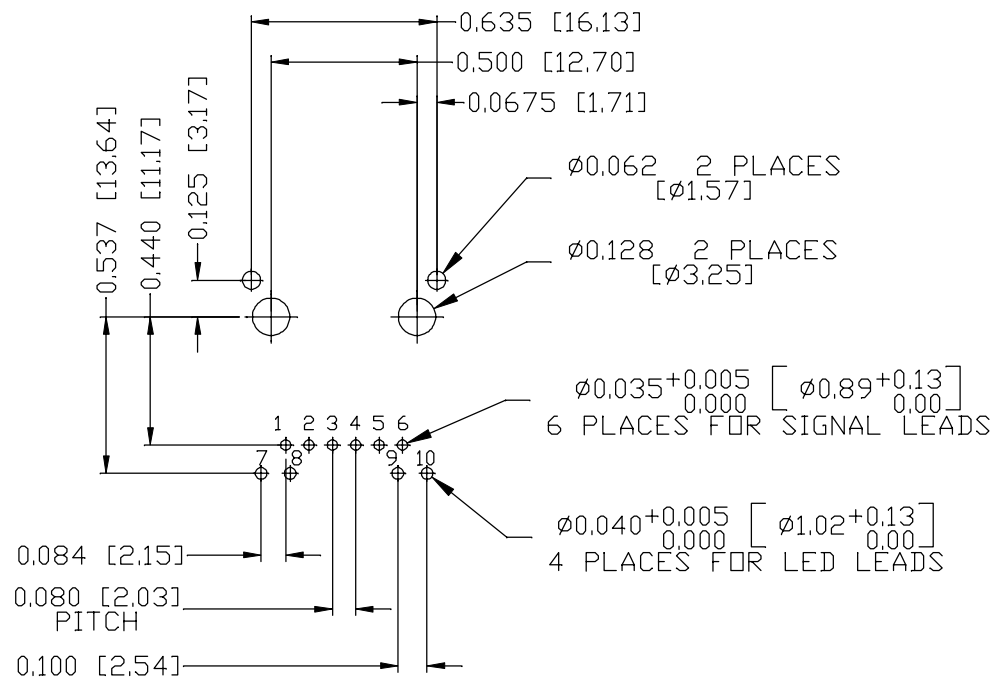
ORIGINATED BY ANTON LIAO		TITLE MagJack® (4 Cores, MDIX, CM Termination)		PART NO. / DRAWING NO. 08B01X1T06-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.		REV. : F	PAGE : 3
DATE 2017-03-06				FILE NAME 08B01X1T06-F_F.DWG		.X		UNIT : INCH [mm]			
DRAWN BY JESSE LI						.XX		SCALE : N/A			
DATE 2017-03-06						.XXX ±0.010		SIZE : A4			

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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.

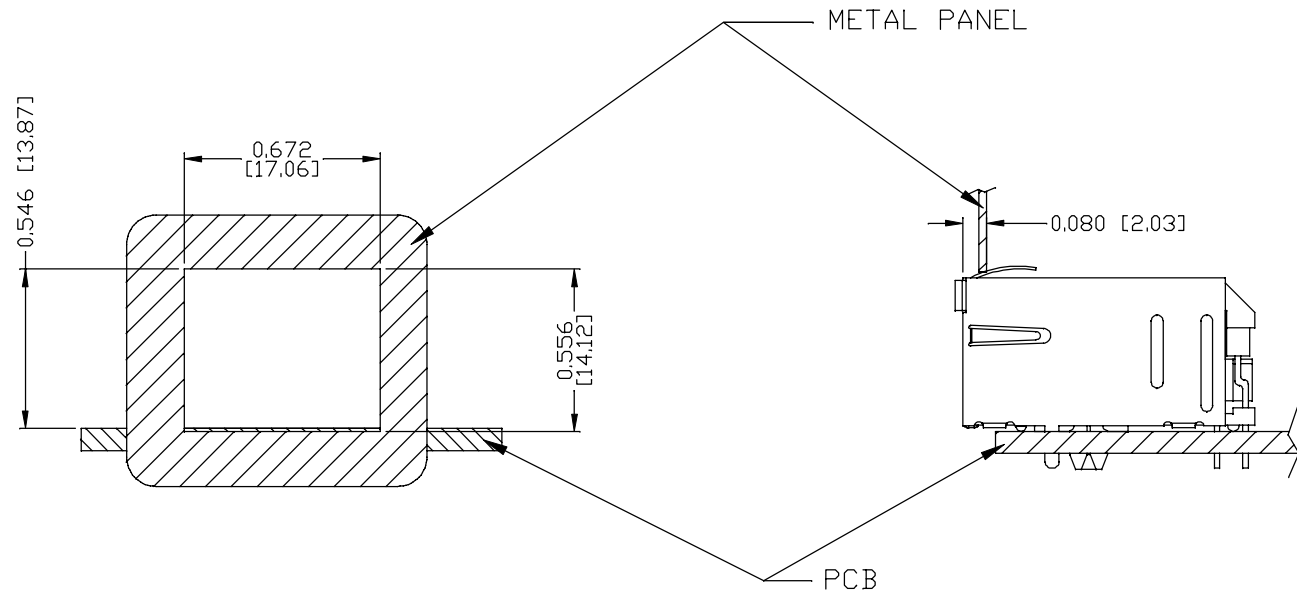
REV. :	F	PAGE :	4
		UNIT : INCH [mm]	
		SCALE : N/A	
		SIZE : A4	

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DATE 2017-03-06		FILE NAME 08B01X1T06-F_F.DWG	.X	UNIT : INCH [mm]
DRAWN BY JESSE LI			.XX	SCALE : N/A
DATE 2017-03-06			.XXX ±0.004	SIZE : A4

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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)

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			TOL. IN INCH	AS REF.
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			.XX	SCALE : N/A
			.XXX	±0.004

