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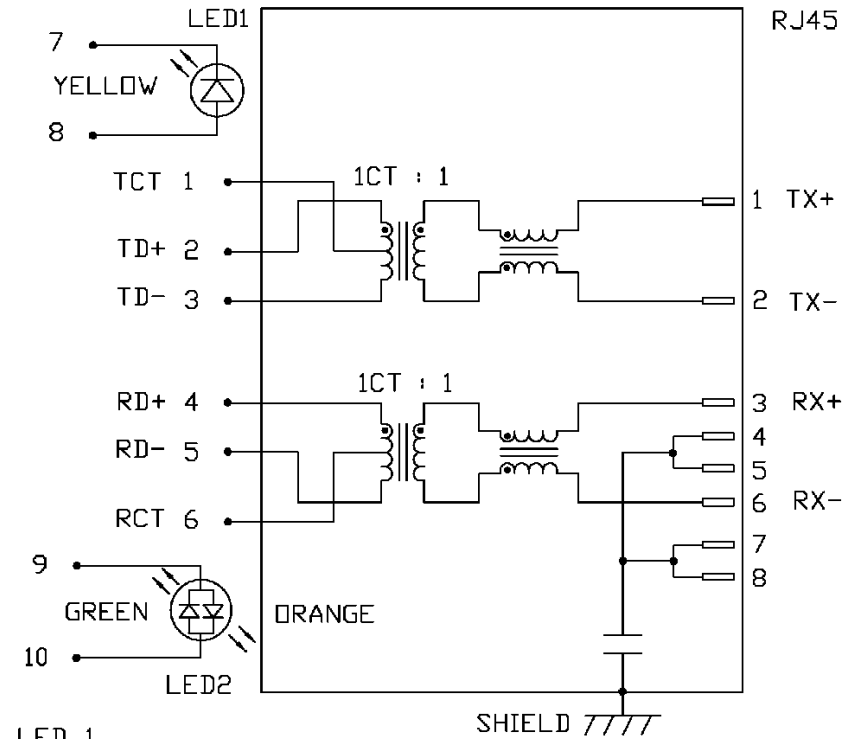
LED1 POLARITY			LED2 POLARITY		
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
-	+	YELLOW	+	-	ORANGE
			-	+	GREEN



ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	
TX	1CT : 1
RX	1CT : 1
DCL @ 100kHz/100mVRMS	
8mA DC BIAS	350μ H 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	-35 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms

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 610nm TYP.
			GREEN 2.2V TYP.
			GREEN 565nm TYP.

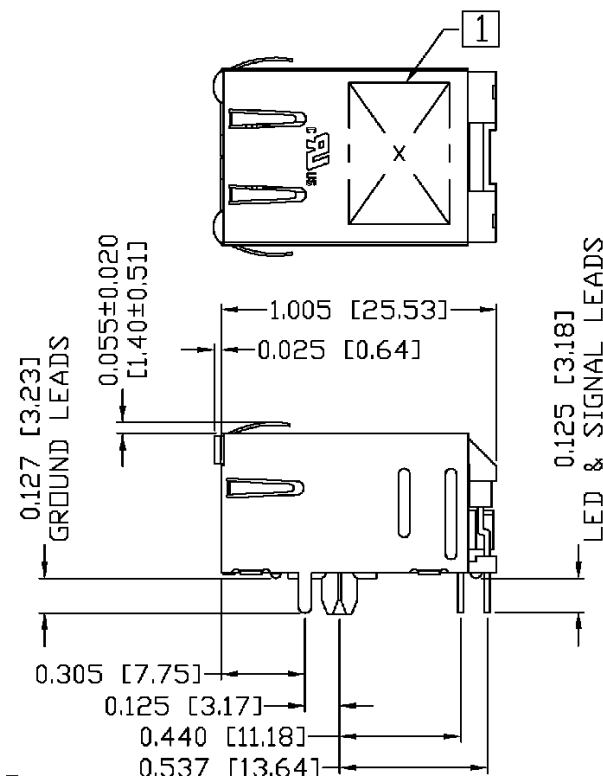
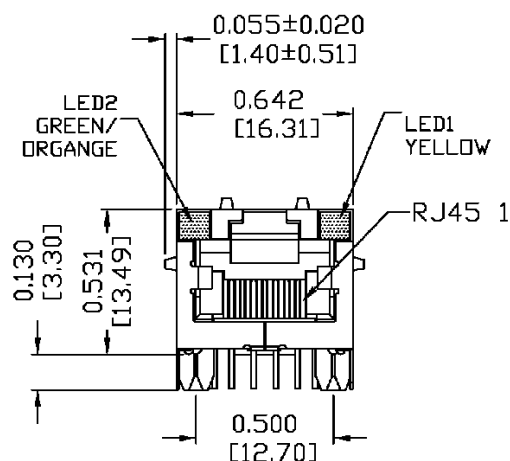
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHUNG	02-17-06	MagJack®	08B01X1T01-F	TOL. IN INCH	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE	(Unused pin Termination)	FILE NAME	.X	SCALE : N/A SIZE : A4
DE	02-17-06	08B0-1X1T-01-F	08B01X1T01-FA.DWG	.XX	PAGE : 2
				.XXX	



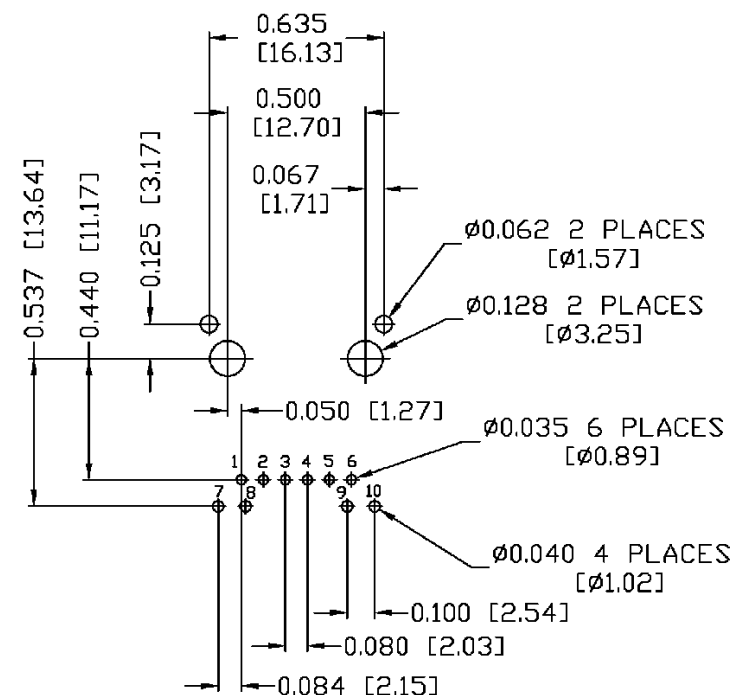
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MECHANICAL SPECIFICATION

RoHS
2002/95/EC



RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: PRE-PLATED NICKEL ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

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

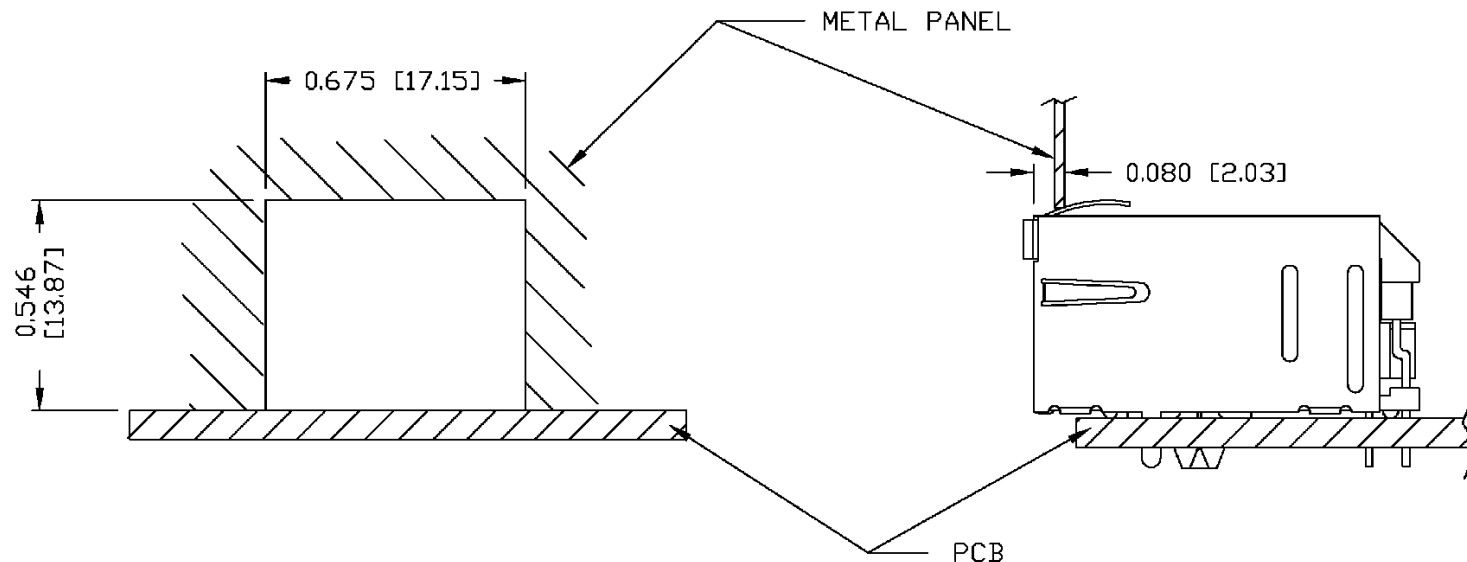
UL UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
QIN	04-13-06	MagJack® (Unused pin Termination)	08B01X1T01-F	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
TING	04-13-06	08B0-1X1T-01-F	08B01X1T01-FA.DWG	.XXX	±0.010	PAGE : 3

bel
COMPONENTS FOR A
CONNECTED
PLANET



SUGGESTED PANEL OPENING



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	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
GIN	04-13-06	MagJack® (Unused pin Termination) 08B0-1X1T-01-F	08B01X1T01-F		UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
TING	04-13-06		08B01X1T01-FA.DWG	.XX		PAGE : 4
				.XXX	±0.004	

