

LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 11	PIN 12	COLOR
+	-	GREEN	+	-	GREEN

PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

CL @ 100kHz/100mVRMS

8mA DC BIAS 350µH MIN.

INS. LOSS

0.5MHZ TO 100MHZ -1.1 dB MAX

RET. LOSS (MIN)

0.5MHz-40MHz -18 dB
40MHz-100MHz -12+20LOG(f/80MHz) dB

CROSS TALK:

1MHz - 40MHz -35 dB MIN
40MHz - 80MHz -24 dB MIN
80Hz - 100MHz -25 dB MIN

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage):

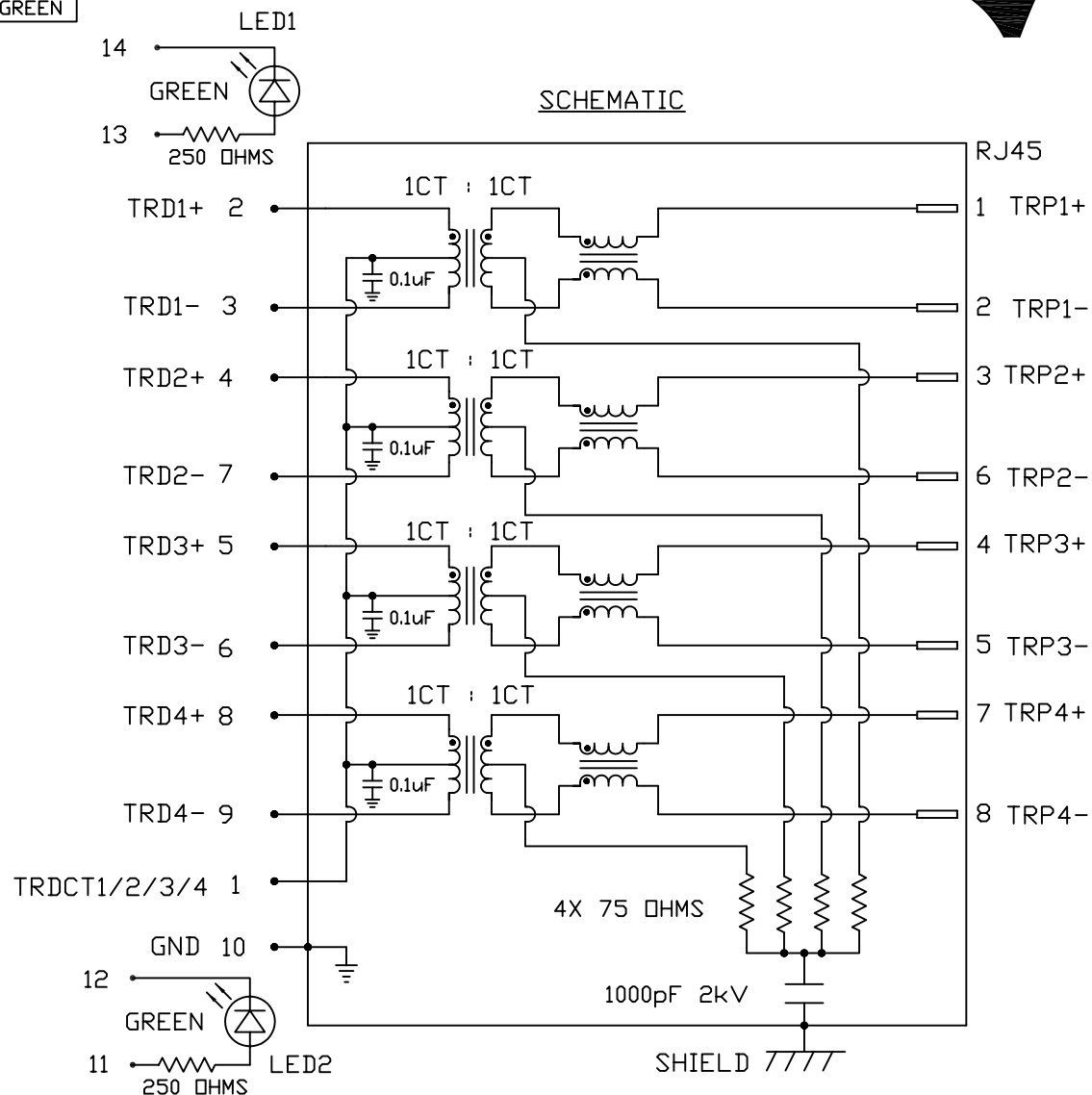
1500 Vrms or 2250VDC

OPERATING TEMPERATURE:

0°C TO 70°C

LED 1 AND LED 2

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



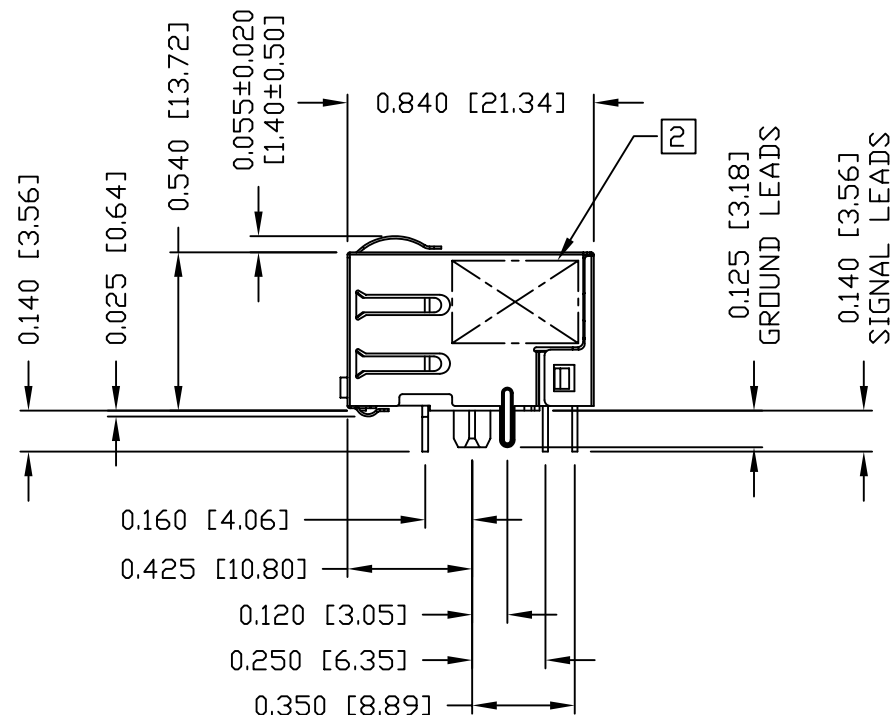
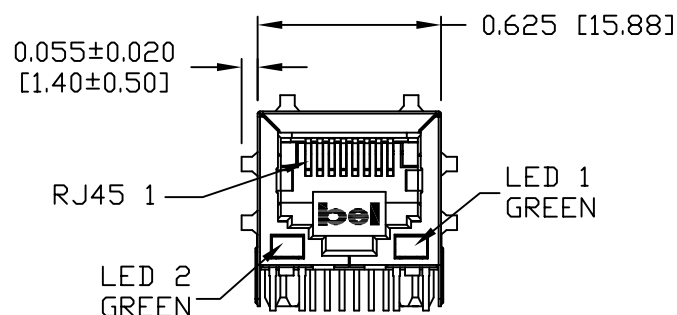
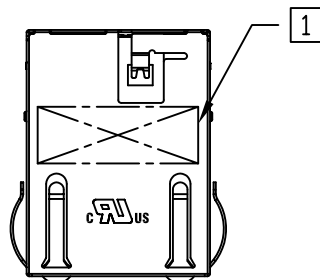
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHUNG	02-06-07	Gigabit MagJack® WITH LED	SI-61011-F	TOL. IN INCH	UNIT : INCH [mm] REV. : PB
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4
DE	02-06-07		SI61011-FPB.DWG	.XX .XXX	PAGE : 2



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PRELIMINARY

RoHS
2002/95/EC



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

1 MARK PART WITH MFG PART NUMBER(SI-61011-F), DATE CODE.

2 MARK PART WITH MFG LOGO, MFG NAME.

3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS

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

cULus UL RECOGNIZED - FILE #E132408.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : PB
BILL	02-06-07	Gigabit MagJack® WITH LED	SI-61011-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 3
SALLY	02-06-07		SI61011-FPB.DWG	.XXX	±0.010		

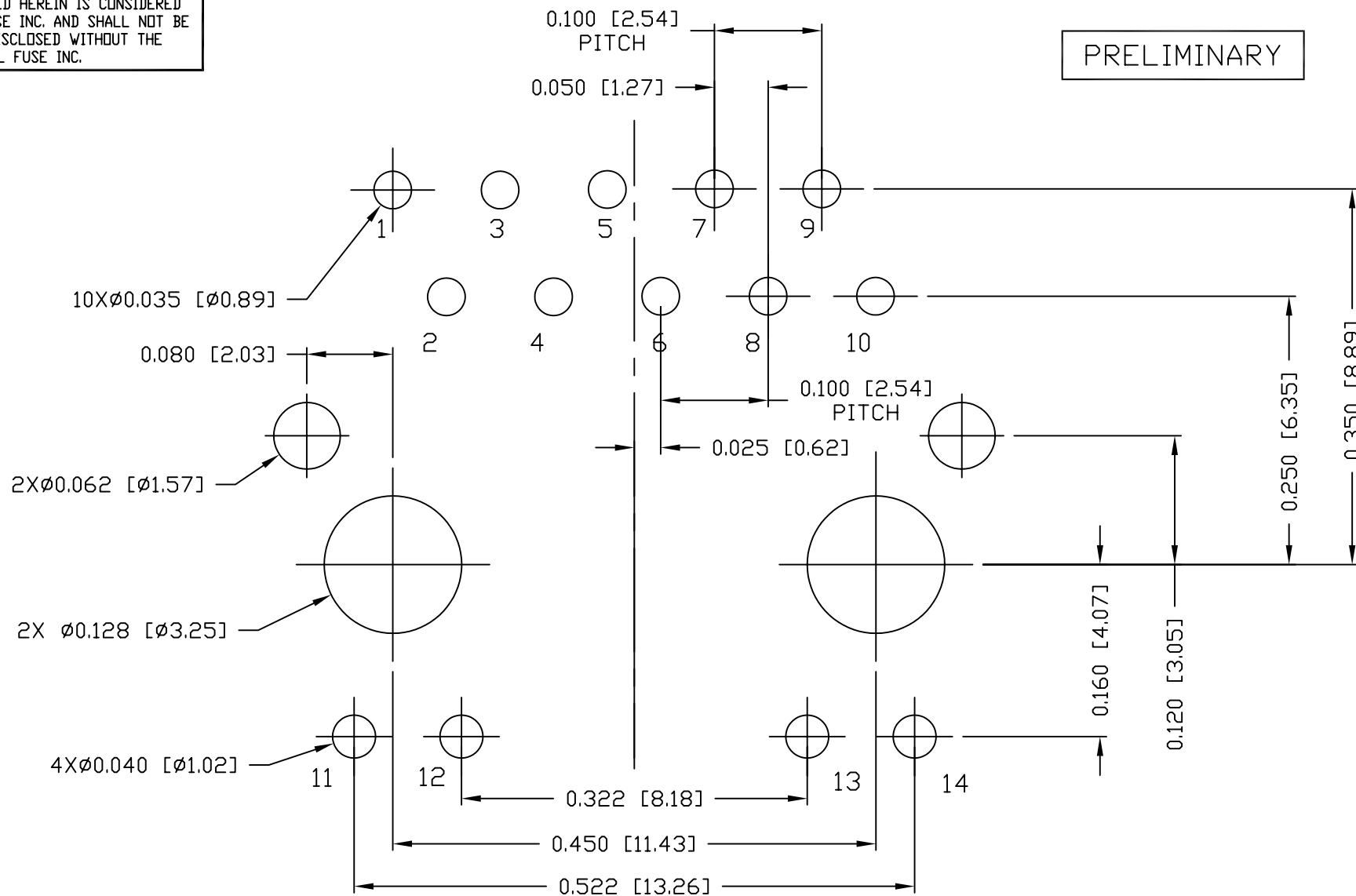


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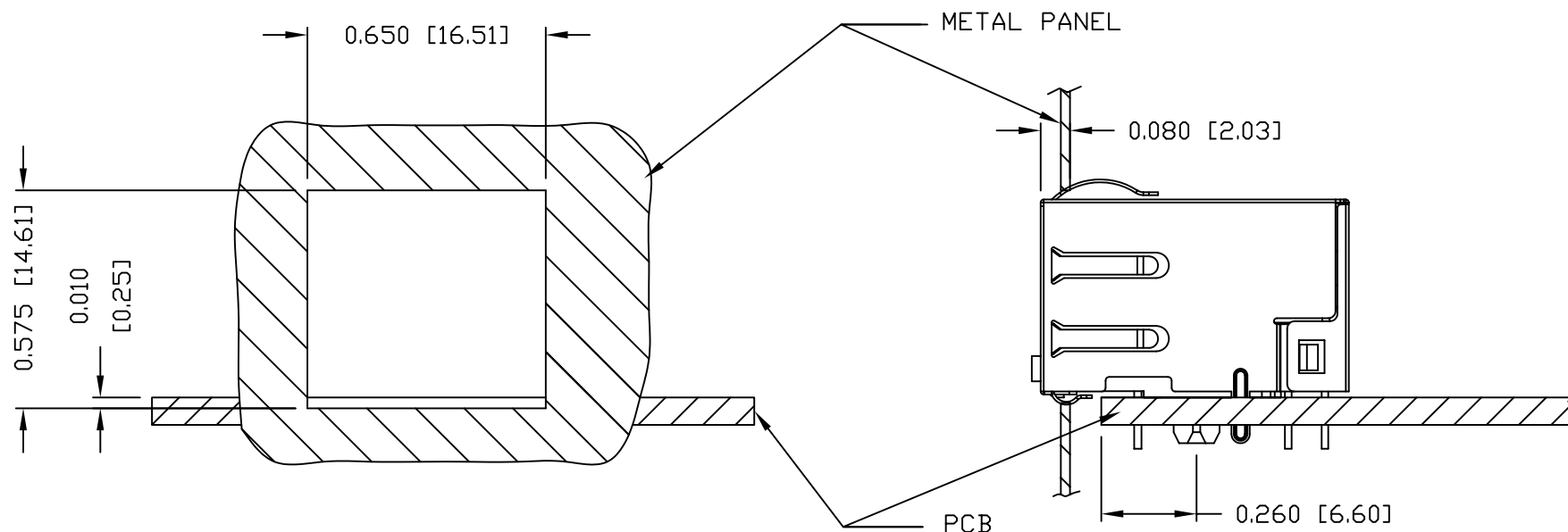
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

ORIGINATED BY BILL	DATE 02-06-07	TITLE Gigabit MagJack® WITH LED	PART NO. / DRAWING NO. SI-61011-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : PB
DRAWN BY SALLY	DATE 02-06-07		FILE NAME SI61011-FPB.DWG	.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 4

bel
COMPONENTS FOR A
CONNECTED
PLANET

SUGGESTED PANEL OPENING

PRELIMINARY



NOTES:

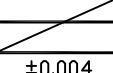
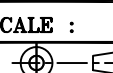
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-Q7 (TOP)
0200-9999-Q8 (BOTTOM)

PACKING QUANTITY : 80 PCS FINISHED GOODS PER TRAY
10 TRAYS (800 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.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : PB
BILL	02-06-07	Gigabit MagJack® WITH LED	SI-61011-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 5
SALLY	02-06-07		SI61011-FPB.DWG	.XXX			