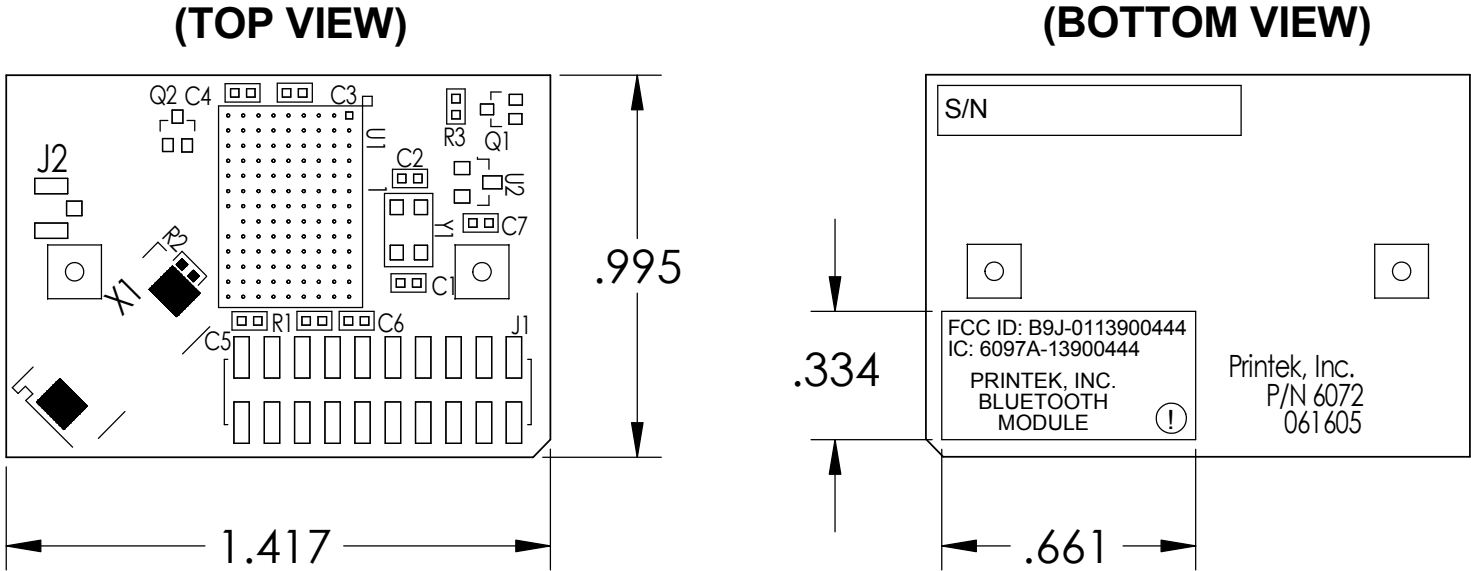


REVISIONS				
Rev	ECN	Description	Date	By
1	3677	PRELIMINARY RELEASE	6/13/05	LU
2	3746	ADDED NOTE 8 AND "FCC ID" LABEL TO BOARD	9/20/05	LU

ITEM	QTY.	REFERENCE	DESCRIPTION
1	1	C1	Capacitor: 10pF 0402 C0G 50V +-5%
2	1	C2	Capacitor: 12pF 0402 C0G 50V +/-5%
3,4	2	C3, C5	Capacitor: 100pF 0402 C0G 50V +-5%
5,6	2	C4, C6	Capacitor: 10nF 0402 X7R 50V +-10%
7	1	C7	Capacitor: 0.1uF 0402 X7R 16V +-10%
8	1	J1	Connector: 20 POS, Molex: 87759-2050
9	1	J2	Not Populated
10,11	1	Q1, Q2	MOSFET N-CHAN 300mA 20V SOT323 ON Semi: MMBF2201NT1G
12	1	R1	Resistor: 10 Ohms 0402 1/16W 5%
13	1	R2	Not Populated
14	1	R3	Resistor: 47K Ohms 0402 1/16W 5%
15	1	U1	Bluetooth Module, National: LMX9820ASM
16	1	U2	Reset IC: 2.63V 140ms SOT-23-3, STMicroelectronics: STM809RWX6F
17	1	X1	Antenna: 2.4GHz, CENTURION: BlueChip CAF95901
18	1	Y1	Crystal: 12.000MHz, Tew: TAS-4025A, 20-0060



NOTES:

- GERBER PLOT FILES ARE AVAILABLE FROM PRINTEK, (6072-3.ZIP).
- BOARD MATERIAL IS 0.062" THICK FR4 WITH 1 OZ. COPPER ON FOUR LAYERS.
- FINISH IS IMMERSION GOLD. SOLDER MASK IS GREEN, BOTH SIDES. SILK SCREEN IS WHITE, BOTH SIDES.
- BOARD HAS FOUR LAYERS, PLACED IN THE FOLLOWING ORDER: TOP, GROUND, POWER, BOTTOM.
- BOARD HAS 0.009" SPACING BETWEEN TOP AND GROUND LAYER.
- BOARD SUPPLIER MUST PLACE HIS UL IDENTIFIER AND FLAMMABILITY RATING ON THE BOARD.
- BOARD TO BE 100% ELECTRICALLY TESTED BEFORE ASSEMBLY.
- "FCC ID:" LABEL MUST BE FABRICATED OF TAMPER PROOF MATERIAL.

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		PRINTEK 1517 TOWNLINE ROAD BENTON HARBOR, MI 49022	
UNSPECIFIED TOLERANCES: .XX ±.010 .XXX ±.005 ANGLES ±2° HOLE DIA ±.002 (XXX)= CRITICAL DIMENSION		APPROVALS	DATE		
MATERIAL SEE NOTES		DRAWN LU	6/13/05	PWA, BLUETOOTH MODULE, MtPXXX	
FINISH SEE NOTES		CHECKED --	--		
DO NOT SCALE DRAWING		RESP ENG LU	6/13/05		
		MFG ENG --	--	SIZE B DWG. NO. 6072	REV. 2
		QUAL ENG		SCALE NA 6072/SolidWorks	SHEET 1 OF 1