



U.S. PATENT 5,762,118
CANADIAN PATENT 2,233,645

I C E M ENTERPRISES INC. DRAWING DATE 4-16-04
MODEL FIL-T-3C TRANSMITTER UNIT
RED COMPONENTS ARE EXTERNAL PARTS

1 FIL-ST-3C PARTS LIST

1	BATTERY	REPLACEABLE 9V ALKALINE
2	C1(A-C)	4.7 UF SMD TANTALUM CAPACITOR
3	C2(A-B)	1.0 UF SMD TANTALUM CAPACITOR
4	C3(A-D)	330 PF SMD CERAMIC CHIP CAPACITOR
5	D2	T 1-3/4 RED LED
6	I1	SHUNT INDUCTOR .39UH (ANTI STATIC)
7	I2	56NH INDUCTOR ANTENNA MATCHING
8	L1	22 GA. YEL/WHI TEFLON WIRE 4.2 " (ANTENNA)
9	L2	22 GA. BLK TEFLON WIRE 1.7"
10	L3	22 GA. ORG TEFLON WIRE 3.3"
11	L4	22 GA. BLU/WHI TEFLON WIRE 2.8"
12	L5	22 GA. RED TEFLON WIRE 3.7"
13	L6	22 GA. BLU/WHI TEFLON WIRE 3.7"
14	M4F	4 PIN .063 MOLEX FEMALE RECEPTACLE
15	M2F	2 PIN .063 MOLEX FEMALE RECEPTACLE
16	P1	POT 500 OHM 4MM CERMET SMD
17	P2	POT 2K OHM 4MM CERMET SMD
18	PS1	8 PIN SMD SOCKET(OPTIONAL WATER LEVEL PRESSURE. SENSOR)
19	RES	200KHZ CERAMIC RESONATOR
20	R1(A-H, K)	RESISTOR 10K OHM 1/4 W 1%
21	R2(A-B)	RESISTOR 7.68K OHM 1/4 W 1%
22	R3	RESISTOR 1.78K OHM 1/4 W 1%
23	R4	RESISTOR 30K OHM 1/10 W .1%
24	R5	RESISTOR 10K OHM 1/10 W .1%
25	R6(A-B)	RESISTOR 680 OHM 1/4 W 1%
26	R7	RESISTOR 4.02K OHM 1/4 W 1%

2 FIL-T-3C PARTS LIST

26	R8	RESISTOR 44.2K OHM 1/4 W 1%
27	R9	RESISTOR 1M OHM 1/4 W 1%
28	R10(A-B)	RESISTOR 100K OHM 1/4 W 1%
29	S1	20 PIN SMD SOCKET PLUS 16C71 MICROCHIP CONTROLLER
30	S2	5V SWITCH LDO REGULATOR SMD
31	S3	5V LDO REGULATOR SMD
32	S4	TX 5002 TRANSMITTER RFM SMD
33	S5(A-B)	OP AMP DUAL CMOS SMD
34	S6	MICRO CONTROLLER SUPERVISOR N CHANNEL OPEN DRAIN SMD
35	T1	PNP TRANSISTOR SMD
36	T2	NPN TRANSISTOR SMD
37		PAC-TECH ENCLOSURE 3.4" X 5.6"
38		LED LENSE
39		PRESSURE SENSOR HOLE PLUG

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