



\* INSTALL FOR BALUN LINE OPERATION ONLY. NO JUMPER IS NEEDED FOR WIRE OPERATION.

NOT LOADED: R105, R202, C205, D201, D202, Q201  
 RESISTANCE VALUES ARE IN OHMS  
 CAPACITANCE VALUES ARE IN MICROFARADS  
 UNLESS OTHERWISE SPECIFIED

ROBCL NO. MFJ-986	REVISION 6	PUB. P.N. 862-989C	SHEET 1 of 1
DIFFERENTIAL T-TUNER			
DATE 11/21/80	PC BOARD M989C_6	MFJ ENTERPRISES, INC. 300 INDUSTRIAL PARK RD STARKVILLE, MS 39759	
REVISED	DRAWN BY C. PERRY		

DIFFERENTIAL CAPACITOR

ROLLER INDUCTOR

COAX1

COAX2

EXT. DUMMY LOAD

WIRE

BAL. LINE

SW2A

SW2B

TRANSMITTER

T101

C104

33pF

C107

15pF

C101

150pF

C102

150pF

R101

3.3K

L101

1000µH

R102

68

D102

1N34A

C106

.001

R104

47

W101

R103

47

D101

1N34A

C105

.001

R105

W102

W103

R

F

9V BATTERY

SY123A

D103

1N413

R116

1M

R117

470

R118

33K

R119

470

R115

100K

C110

220

C111

47

D104

2N3904

R113

1M

R114

22K

R112

470

C107

.01

C108

.01

D105

6N4007

J101

-12V

+

12V

FB

SY101B

R109

150K

R108

200K

W15

N/L

R110

60K

P112

470

C104

.001

R111

200K

U101

LM324

14

D102

1N413

R113

1M

SW102B

+

12V

U101

LM324

3

R114

22K

C107

.01

R119

25K

FW

FG

FORWARD METER

REF

SY101A

R102

150K

R101

200K

W15

N/L

R110

60K

P112

470

C101

.001

R105

200K

U101

LM324

10

D101

1N413

R113

1M

SW102A

+

12V

U101

LM324

7

R107

10K

C100

.01

R119

25K

FW

FG

REFLECTED METER