LAST SYMBOL	MISSING SYMBOLS
C154 - CR116 B101 - DS112 F101 - J103 K101 - M101 P101 - Q103 S107 - T104, R139 TB102 - SZ101	C147 R133

REVISIONS							
E.M.N.NO	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
				X1	DS112 ADD, R133 1K & C146 .1 DEL.	10-2-74	
				X2	TB102, R139 ADD, C128 & R120 REL.	10-24-74	
				X3	C147 ADD	11-8-74	
21425	GDL	10/76		Ø		10/20/76	*

L101 185 uH
L102 4 uH
L103 4 uH
L104 220 uH
L105 220
L106 4
L107 10 MH
L109 10 uH
L110 6 uH
L111 120
V101 12HG7
V102 12HG7
V103 4CX350
T101 2-12 MC
T102 12T 9T
T103
T104 HF 12-30 mc
C101 1000 PF 5KV
C102 1000 PF 5KV
C103 .01
C104 .01
C105 5 PF
C106 .1 500V
C107 .1
C108 100
C109 .1
C110 .1
C111 22
C112 .1
C113 .1
C114 .1
C115 680 PF
C116 680 PF
C117 .1
C118 .1
C119 .01
C120 .01
C121 100
C122 .1
C123 .1
C124 50 5KV
C125 100 5KV
C126 25 PF 5KV
C127
C128 8 MF
C129 100
C131 500 50V
C132 150 75V
C133 .1
C134 .1
C135 .1
C136 .1
C137 .1
C139 .1
C140
C141 .1
C142 .1
C143 .1
C144
C145 (*) DENOTES 20 MFD
C147 75 MF 25V
C152 .1
C153 .1
C154 100 50V
R101 47 1W
R102 47 1W
R103 47K 2W
R104 RF
R105 2.2K
R106 2.2K
R107 5 5W
R108 2.2K
R109 50
R110 22K
R111 50 1W
R112 390 1W
R113 10 5W
R114 100
R115 75 5W
R116 1K 2W GAIN
R117 100
R118 50 5W
R119 50, 5W
R120 470K 1W
R121 68
R122 1K
R123 10 5W
R124 100 1W
R125 10 5W
R126 5K
R127 1.5K 2W
R128 5, 5W
R129 5 5W
R129 1.8K
R130 47K 2W
R131 47K 2W
R132 15K, 20W
R133 25K 10W
R134 47K 2W
R135 47K 2W
R136 47K 2W
R137 1K
R138 100
R139 100 1/2W
CR101 IN100
CR102 IN100
CR103 IN822
CR104 IN100
CR105
CR106 AC
CR107 AC
CR108 IN100
CR109
CR110 IN2071A
CR111 IN2071A
CR112 IN2071A
CR113 IN2071A
CR114 IN2071A
CR115 IN2071A
CR116 IN547
CR117 IN645
CR117 IN100
CR118 IN100
CR119 IN100
CR120 IN100
CR121 IN100
CR122 IN100
CR123 IN100
CR124
DS101 HV
DS102 OVLD
DS103 2-2-6
DS104 2.6-3
DS105 3-5
DS106 5-8
DS107 8-12
DS108 12-16
DS110 24-30
DS110 16-24
DS112 AC
Q101 2N1595
Q102 2N1595
Q103 2N1776
M101
S1 IP
S2
METER ADJ
S101A
S101B
S101C
S101D
S101E
S103 HV
S104 FP
S105 BIAS ADJ
S106 LOCAL REMOTE
S107 BAND
SZ101 LEDEX
K101
F101 AC
P101
B101
J101 RF IN
J102 VOLT CONTROL
J103 OUTPUT
TB101
TB102
OPTIONAL
OVLD ADJ
BIAS ADJ

BAND	FREQ
1	2-2.6
2	2.6-3
3	3-5
4	5-8
5	8-12
6	12-16
7	16-24
8	24-30

NOTES
1- ALL CAPACITANCE VALUES ARE IN MICROFARADARADS
2. ALL RESISTANCE VALUES ARE IN OHMS.
3- ALL INDUCTANCE VALUES ARE IN MICROHENRIES.

* FAN REMAINS CONNECTED TO 115 AC WHEN INPUT IS 220 AC

FOR 220V OPERATION ON T103 & T104 DISCONNECT JUMPERS 1, 2, 3 AND 4 MARKED XXX AND CONNECT 2 AND 3 MARKED ---

TB102: 1 MMX CONT, 2 +24V TUNE LEVEL, 3 KEY INTLK, 4 -12V, 5 DRIVE UP, 6 PTT, 7 TUNE CONT, 8

TB101: 5 24-30, 6 16-24, 7 12-16, 8 8-12, 9 5-8, 10 3-5, 11 2.6-3, 12 2-2.6, 4 PTT, 3 TUNE DRIVE UP, 2 KEY INTLK, 1, 14

NOTE
THIS SCHEMATIC TO BE USED ONLY IN REF TO SALES ORDER NO. 521751
SERIAL NOS. 43079 THRU 43084

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				

FINAL APPROVAL *		DATE
MECH. DES.		DATE
ELECT. DES.		DATE
CHECKED		DATE
DRAWN	G. DeLuca	DATE 8-28-74

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES ON
DECIMALS .X ± .05, .XX ± .01, .XXX ± .005
FRACTIONS ± 1/64
ANGLES ± 0° 30'

MATERIAL

FINISH

QTY / UNIT	MODEL USED ON	ASS'Y NO.
	HFL-100	

APPLICATION

CODE

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THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

THIS PRINT TO BE USED ONLY FOR SALES ORDER 521751

SIZE	CODE IDENT NO.	DWG NO.	ISSUE
D	82679	CK 2077	Ø

SCALE | SHEET 1 OF 2

CR2077 Ø