| 22025 | MAC | | Ø A | ORIGINAL RELEASE FOR PRODUCTION SEE SHEET 3 | 8-28-79 S16-83 |
|---|---|---|---|---|---|

| REVISIONS | | | | | | |
|---|---|---|---|---|---|---|
| E.M.N.NO | DRAFT | CHKD | ZONE | LTR | DESCRIPTION | DATE | APPROVED |
| | GDL | | | X1 | UPDATED | 12.3.78 | |
| | GDL | | | X2 | UPDATED | 12-28-78 | |
| | GDL | | | X3 | PIN 5 AT J1002 ADD | 1-31-79 | |
| | GDL | | | X4 | SEE SH. 2 AT J1002 PIN 5 ADD, | 2-3-79 | |
| | GDL | | | X5 | CONN'S W/M800 CLARIFIED, CONN FOR 24V AT T801 ADD | 2.24.79 | |
| | GDL | | | X6 R7 | REVISED 2 REDRAWN SHEET 2, 3 REDRAWN SH 4 ADD | 6-14-79 9-13-79 | |

DRIVER

EXCITER DRAWER

J1007

J1006 RF IN

J1030 ALDC

C1007 .001

P/O TB802

J1001 EXT INTLK COM N.O. N.C. A B C

C1009 .001

C1008 .001

S802 PS REAR NO COM NC

S900 PA REAR NO COM NC

J200 P

AC LSB USB KEY FSK FAX CONTACT REM GAIN ALDC ALDC GND OVLD LINE HV ON LINE OVLD RESET NO INTLK PA AIR REAR EXT FRONT B. SW HEAT TIMER -24V

A B C D E F G H J K L M N P R T S U V W X Z a b c d e f g h j k

J301 P802

K O A B C D E F G H I J K M N P R S T V W X Y Z a b d e f g h j

60 Hz IN, +24V IN READY, SHORTING RELAY BIAS, -24V, PTT CONT, PTT, INTERLK OUT, PA AIR IND, FIL RELAY ON, TIME COM, TIME IND, Ø1, Ø2, Ø3, Ø FIL XFMR, GND, 24V REG, Ø3 CONTACTOR, OVLD LINE, OVLD RESET, PA SCREEN OVLD, OVLD IND, PA PLATE OVLD, REFL IND, REF METER, GND, OVLD BD, H.V RELAY

TO SHEET 3 K904 PIN 14

TB900 8 7 6 S904

TO P902 PIN 1

S803 NC NC S901

COM FUSE PANEL NO COM WIND PANEL NO

a b c d e f

M904 REFLECTED PWR REF C905 .1 500V

TO SHT 2

TO P903 PING Ø2

TO P903 PIN4 Ø1

F800 15A

Ø1 230V 60Hz INPUT Ø2

9 8 11 10 4 5 2 3

K802 6 7

F801 15A

FAN F806-1A

TT PLATE TIME M801 1 2 3 4 B900 MOT PA COMP (OPTIONAL) P/O TB900

F805

C829 4UF 600V

M800 TT Ø1 208VAC 400Hz

FILAMENT T801 1 2 3 4 5

L806 185 C822 .1 500V R810 1Ω, 25W TB802-7 C823 1MF 600V C903 .1 500V PA PLATE CURRENT M902

g

MAIN POWER DS900 R811 1K 5W

Ø3 F804 5A

TB800 P/O B800 4 3 1 B800 MOT PA TUBE

S801 NC NO

Ø2 F803 5A

DS901 H.V.

R812, 1K 5W

5A Ø1 F802

K800 H.V CONTCT.

h j k l m n

J1002 PA EXT METER H.V ON-OFF HV IND OVLD RESET OVLD IND S K J L M N P

7 TO M802 P/O TB802

P/O TB805 9 10 11 12 TO P903 PIN 1

C1019 .01 C1020 .01

P/O TB802 1 2

C1022 .01 C1021 .01

J1000 PTT GND K A

P/O TB801 2 1

MAIN POWER CB800 GRAY PURP WHT

208V 400Hz INPUT Ø3 Ø2 Ø1

C1024 .001 5KV C1025 .001 5KV C1026 .001 5KV

| QTY. REQ. | ITEM | PART NO. | DESCRIPTION | SYMBOL |
|---|---|---|---|---|

LIST OF MATERIAL

| | |
|---|---|
| QTY / UNIT | MFTA-10K/J(400Hz) MODEL USED ON ASS'Y NO. |
| APPLICATION | CODE |

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

MATERIAL

FINISH

| | | |
|---|---|---|
| FINAL APPROVAL | CBB | DATE 9/28/79 |
| MECH. DES. | | DATE |
| ELECT. DES. | | DATE |
| CHECKED | | DATE |
| DRAWN | G.D.L | DATE 10-27-78 |

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

DIAGRAM, SCHEMATIC
OVERALL MFTA-10K/J

| SIZE | CODE IDENT NO. | DWG NO. | ISSUE |
|---|---|---|---|
| D | 82679 | CK 2215 | A |

SCALE | SHEET 1 OF 4

CK2215 A