THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

DIAGRAM,SCHEM,MAIN

HFLD-5K

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SCALE | SHEET 1 OF 5

	ZONE	LTR	DESCRIPTION	DATE	APPD
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TO SH.2

P906-J
P906-K
E701

E804 (A4817)
CR801H IN2846A
R822 100 2W
CR801G IN2846A
R808 45K 10W
R823 100 2W +400V
E802
CR801F IN2846A
R819 100 2W
R824 100 2W
CR801E IN2846A
R825 100 2W +800V
E801
CR801D IN2846A
R820 2W
R826 100 2W
CR801C IN2846A
R821 100K 20W
R818 100K 20W
R827 100 2W
CR801B IN2846A
R828 100 2W +1400V
CR801A IN2846A
R829 100 2W
E803
R832 50 20W
C803 10 2.5K
R802 5K 140W
R801 2.5K 140W +1600V
ZENER ASS'Y

XA702-A P906-B
P906-A
CR805 .62 AC
XA702-D P906-D
XA702-B P906-E
XA702-F P906-F
XA702-J P907-J
P912-3 K801
P912-Y T8904-4
P912-M
XA702-B XA703-1
LOW VOLTAGE T803
(LINE) 200 210 220 230 240
FILAMENT K802
LOW VOLT Ø1 F3005 5A
LOW VOLT Ø2 F3006 10A
LOW VOLT Ø3 F3007 5A
P903-S, P904-C
P904-A, XF701
J705-A P904+B
P906-N
A801B1-5
P906-Q
P913-R
P913-S
210-250 V 50/60 HZ 3 Ø INPUT
Ø1 Ø2 Ø3
E808 E807 E805
EXCITER AC F3008 1A
EXCITER ON-OFF S3002 OFF ON
MAIN POWER C8300I

T8901-1 P912-5
XF3002 P912-4
T801 L1 NC SI E1 E5 E2 E6 E7 E3 E8 E4
A801 (A x5096)
HV SHORTING ASS'Y
E702
E712
P909
A4001-4
R803 140W
C804 .62 2.5KV
L803 7A
R817 2K 200W +1600V
CR804 AC R836 50 10W R837 50 10W R838 50 10W R839 50 10W
CR803 AC R834 50 10W R835 50 10W R833 50 10W R831 50 10W
R804 6.2K 200W R805 6.2K 200W R806 6.2K 200W R807 6.2K 200W
+3750V
C807 .001 5KV
C806 .001 5KV
C805 .001 5KV
C812 50 20W
CR806 A4002-2 IN3022B
E813 XA703-9
R816 2W 330
R813 20W 5K
R814 330 2W
R815 1K 2W
L804 185
E704 E703
PA FILAMENT T804
E901 (LINE) 5 6 240 230 220 210 200 10 9 8 7 4 3 2 1
FILAMENT TIME M3001
S907-NO
CB3002B-NC TIME DELAY M901
A801T81-1
P912-H
P906-H
P906-Y
R809 10K 50W
R830 2W
CR807A IN2846A
CR807B IN2846A
R831 100 2W
P912-U
K801
L803
P906-S XA705-2
ON 240 230 220 210 200
SCREENS CB3002
SCREEN T802
L801 .8H
C801 10 5KV
C802 10 5KV
L802 5H
3400 E C D A AC B
CR802
3400
FILAMENT P/O F3004 5A
PA FILAMENT F3004 5A
BLOWER Ø3 F3003 3A
BLOWER Ø2 F3002 3A
BLOWER Ø1 F3001 3A
PLATE TIME M3002
S801 NC NO
MOT T1 T2 T3
MAIN BLOWER B801
P/O B801
P906-U
A3002-30 P906-R
T803-Ø-230V
CB3002C-B
T8904-9 P906-U
(230) (LINE) 230 240 250 260 270 280 290 300
ALARM ON-OFF S3001
HV OFF ON C
ALARM DS3001
E811
E810
E809
HV CONTACTOR K801
HIGH VOLTAGE T801
T801, T803, T804
LINE CONNECTIONS ON TRANSFORMERS ARE CONNECTED TO THE APPROPRIATE VOLTAGE TAPS ON THE PRIMARY.