Figure 11   High-Voltage PCB Schematic Diagram

Note: Unless otherwise specified-
1. All resistor values are in ohms,
   ¼ W, 5%
2. All capacitor values are in µF.

DESIGNATOR
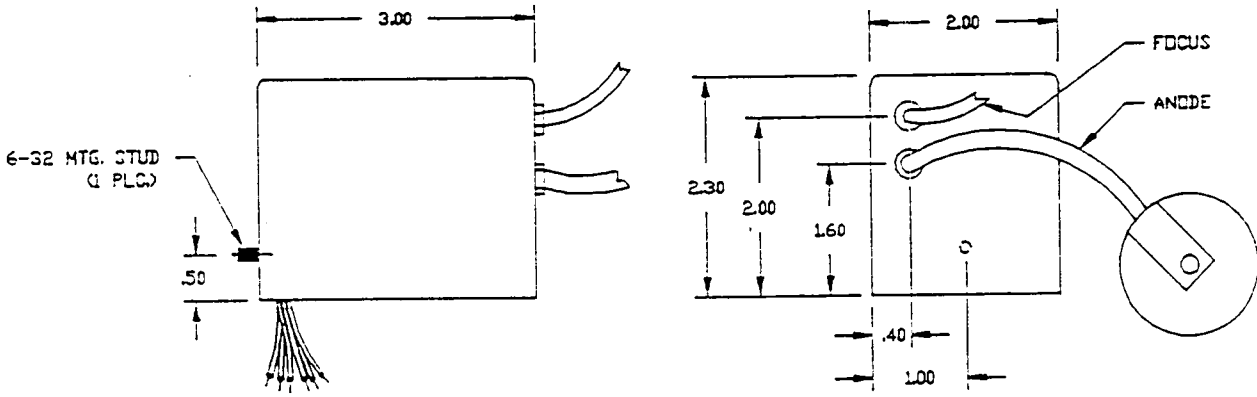
LAST USED	NOT USED
R19	R1-4, 14
C13	
Q5	
VR2	
T2	
FA1	
U1	
MC1	
CR6	
W1	

⚠ ━━ **WARNING** ━━ ⚠
Components identified by shading
have special characteristics important
to safety and must be replaced only
with identical parts.

NO.	REVISIONS
A	ADDED LEAD CONNECTIONS AS PER R.R. 9/19/96 G.R.H.

UNCONTROLLED DOCUMENT

6-32 MTG. STUD (1 PLCS)

3.00

.50

2.00

FOCUS

ANODE

2.30

2.00

1.60

.40

1.00

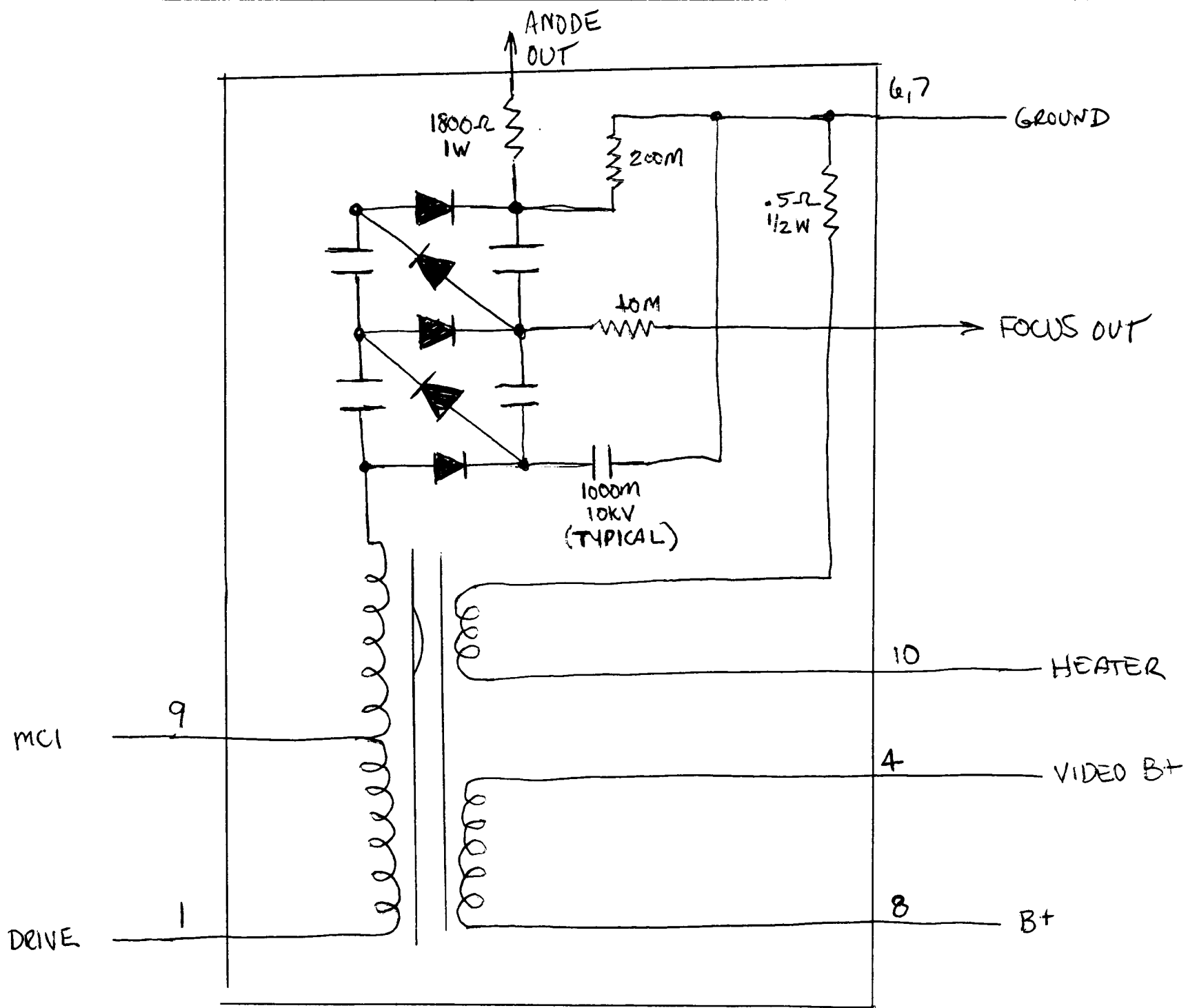| SPECIFICATIONS:	
B+	+48 VDC
HV	19.5 KVDC
RINGING	< 15%
FILA. SEC	6.3V. P-P
SEC	185V. P-P
SEC	12 KVDC
FREQ	24 KHz
RETRACE	8.3uSEC
PRIMARY PULSE	330V. P-P

LEAD CONNECTIONS:
RED - 9 - B+
YELLOW - 8 - START OF 180V SEC.
BLACK - 6,7 - GROUND
GREEN - 4 - 180V SEC (VIDEO B+)
ORANGE - 1 - COLLECTOR OF SWITCH TRANSISTOR
GRAY - 10(HTR1) - FILAMENT

REF. DWG.# 3462-51(S3)

SHEET # 3

WINTRON

CHECKED BY	TOLERANCES UNLESS OTHERWISE SPECIFIED	MATERIAL	CUSTOMER DRAWING	PART	H.V. SUPPLY OUTLINE
DATE 9/19/96	DECIMAL 3 PLCS ±.015 2 PLCS ±.02 FRACT. ±1/64 ANG. ±1°	CUSTOMER A201005-01 ATARI		DWG. NO.	26862802

ANODE OUT

6,7 — GROUND

1800Ω 1W

200M

.5Ω 1/2W

10M — FOCUS OUT

1000M 10KV (TYPICAL)

10 — HEATER

MCI — 9

4 — VIDEO B+

DRIVE — 1

8 — B+

INNER SCHEMATIC: TERMINAL #'S MATCH ONES ON SCHEMATIC

TRANSFORMER DETAIL:

CORE TYPE
UNKNOWN

HEATER
WINDING

PRIMARY,
VIDEO B+,
HV WINDINGS

1 1/2"

1 1/4"

PRIMARY
VIDEO
HV

HTR