TO DC CHOKE - 0.6mH - 750mA
HAMMOND - 159Y

X1-1 X1-2 X1-3 X1-4 GND
C1 15NF-1000V R1 3R3-1W
D1 1N4007
D2 1N4007
C2 15NF-1000V R2 3R3-1W
X3-1 X3-2
100N-500V C3
330U-500V C4
330U-500V C5
100N-500V C6
B+ X4-2 X4-1 380Vdc
K1 K2

IC1 H1
IN OUT ADJ
+10Vdc Driver bias X9-1
X9-2
X9-3 -10Vdc
IC2 IC3

X2-4 X2-3 X2-2 X2-1 GND
MKDSN1,5/4-5,08
D3 1N4004
D4 1N4004
10R-2W R3
10R-2W R4
C7 470U-25V
C8 470U-25V
C9 100U-25V
C10 100U-25V
1K6 R5
1K6 R6
220R R7
220R R8
C11 47U-25V
C12 47U-25V
C13 100U-25V
C14 100U-25V

1000U-25V C23
1N5404 D9
1N5404 D8
1N5404 D7
10R-2W R23
1000U-25V C24
1000U-25V C25
100U-25V C26
47U-25V C27
240R R24
6K8 R25
100U-25V C28
-37Vdc Input bias X10-1
X10-2
470R R26
R29 10K
R27 5K - 3296W-1-502LF
LED1
2K2 R28
100U-25V C29
X11-1 X11-2 -20Vdc KT88 grid bias

R15 39K
R16 33K
C17 1U-400V
R17 1K
R18 200K
C19 2U-200V
R19 270K
C20 2U-200V
R20 1K
R11 100R-1W
R12 100R-1W
R13 100R-1W
C18 100N-500V
Q1 IRFP240
Q2 IRFP240
D6 BZV55-C10
D5 BZV55-C10
HS1 WV-T247-101E
HS2 WV-T247-101E
R14 100R-1W
X6-2 X6-1 320Vdc - Driver stage
R22 39K
X7-2 X7-1 184Vdc - KT-88 Screens
R21 1K
C21 100N-500V
C22 100U-250V
X8-2 X8-1 184Vdc - Input stage
GND

MKDSN1,5/2-5,08
X12-2 X12-1
R9 100R
R10 100R
C15 1U-25V
C16 1U-25V
X5-1 X5-2
MKDSN1,5/2-5,08
X14-2 X14-1
R30 100R
R31 100R
C30 1U-25V
C31 1U-25V
X13-1 X13-2

FILLAMENT WINDING 1 - GOINT TO THE OUTPUT TUBES OF THE LEFT CHANNEL
MAINS TRANSFORMER IS: TSTA 0220/001. MADE BY TOROIDY AND IN THE "SUPREME" VARIANT
FOR THE FILAMENTS OF THE INPUT AND DRIVER STAGES, A SEPARATE TOROIDAL TRANSFORMER IS USED AND TWO LM317 ICs ARE USED TO GENERATE 6.3Vdc

FILLAMENT WINDING 2 - GOING TO THE OUTPUT TUBES OF THE RIGHT CHANNEL
A SEPARATE TROROIDAL TRANSFORMER IS USED FOR THE CONTROL VOLTAGES (X2)

power_supply
10/22/2022 11:12
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