



ELECTRONIC TUBE REFERENCE

HY60

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Heater-cathode beam-tetrode transmitting tube designed for RF amplification, oscillation, frequency doubling, and Class-AB audio-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	6.3 V / 500 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.0041 S
AMPLIFICATION FACTOR	218
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	15 W
Promoted ratings/characteristics from HY60.pdf.	

4 - 38 HITRONIC Engineering Bulletin 60 -- 1 Type HY60 GENERAL CHARACTERISTICS Heater Voltage (A.C. or D.C.) 6.3 volts Heater Current 0.5 amp. Mutual Conductance 4100 umhos Average Amp, Factor 218 Bulb ST=14 Max, Cverall Length 5" Max, Diameter 1-13/16" Net Weight 2=1/4 oz, Cap Small Metal Base Med., 5 pin ceramic INTERELECTRODE CAPACITANCE Grid to Plate (ext, shield) 0,19 uuf Input Electrodes 11,0 uuf Output Electrodes 10,2 wuuf BASE PIN CONNECTIONS - Heater RO - Screen Grid - Control Grid - Cathode - Heater N TOP VIEW R.F. AMPLIFIER, OSCILLATOR CLASS ABy AUDIO AMPLIFIFR, FREQUENCY DOUBLER, Hytron HY60 ls a heater~csthode type transmitting tube of Beam-Tetrode deslgn incorporating efficien



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1944 Hytron

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1944 HYTRON

Section 1 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	500 mA	Published nominal value

TUBE TINKER

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and their source documents.

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