

ELECTRONIC TUBE REFERENCE

HY615

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Hytron special-purpose tetrode with high amplification factor and moderate plate dissipation, intended for electronic amplification service under the published engineering ratings.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
PLATE RESISTANCE	10000 Ω
MAXIMUM PLATE VOLTAGE	300 V
Promoted ratings/characteristics from HY615.pdf.	

a - 39 HYTRONIC& Enginesring Bulletin Type HY 615 615 - 1 PHYSTCAT, DATA Plate Processed Nickel Grig Molybdenum-Nickel Bulp T-9 Base Special Octal & Pin Insulation Ceramic Plate Lead Metal Top Cap Grld Lead Matal Top Cap Max, Overall Length 2-7/16" Max. Overall Diameter 1-5/18" Het Welght 1-1/8 e=z. 31 [RTE ENas) PREES RTINS ELECTRICAL CHARACTERISTICS Heater Veoltage G.3 voltas I3 BT ST EEIL i {(4.φ. or D.C.) Heater Current 0.15 amp. D.C. Plate Voltage 00 volts max. D.C, Plate Current 20 ma. max. D.C., Grid Current 4 M. MEAX. Awmplification Factor 282 Mutual Conductance 2200 umhos Plate Resistance 10000 ohma [actual size) Plate Disasipation 3.5 watts max. SRR ee T INTER=- ELECTRODE GAPACITAN



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 · Tetrode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament current	150 mA	Published nominal value

TUBE TINKER

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and their source documents.

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