

ELECTRONIC TUBE REFERENCE

6MV8

Voltage Triode Pentode electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
PENTODE-TRIODE

Combined triode-pentode for television video, sync, burst, IF, AGC, or related signal-processing circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	150000 Ω
TRANSCONDUCTANCE	0.009 S
AMPLIFICATION FACTOR	100
Full supplied entry reviewed for ratings, characteristics, operating data, and capacitances.	

SECTION2 Pentode	
No fixed ratings recorded.	
Full supplied entry reviewed for ratings, characteristics, operating data, and capacitances.	

Miniature type used for general-purpose applications. The pentode unit is used as an if-amplifier, and the triode unit as a sync-separator or voltage amplifier. Outlines section, 6B; requires miniature 9-contact socket. Heater: volts, 6.3; ampere, 0.6; maximum heater- cathode volts, ±200 peak, 100 average. Class Ai Amplifier

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1975 RCA RC30

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

1975 RCA RC30

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	330 volts	Published value from supplied target entry
Grid-No	330 volts	Published value from supplied target entry
Grid-No	300	Published value from supplied target entry
Grid-No	1	Published value from supplied target entry
Plate Dissipation	2.5 watts	Published value from supplied target entry
Grid-No	0.55 watts	Published value from supplied target entry
Plate Voltage	125 volts	Published value from supplied target entry
Grid-No	125 volts	Published value from supplied target entry
Grid-No	1 volts	Published value from supplied target entry
Plate Current	13 mA	Published value from supplied target entry
C.rid-No	4 mA	Published value from supplied target entry
Transconductance	9000	Published value from supplied target entry
Amplification Factor	100	Published value from supplied target entry
Plate Resistance (Approx.)	150000 ohms	Published value from supplied target entry
Grid-No	6 volts	Published value from supplied target entry