ELECTRONIC TUBE REFERENCE

6JH5

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Duodecar pulse-regulator triode for the high-voltage power supply of color television receivers.

General characteristics

BASE DESIGNATION	E12-74	**BASE PINS**	12
NOMINAL HEATER	6.3 V / 1.5 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

PLATE RESISTANCE	4600 Ω
TRANSCONDUCTANCE	0.055 S
AMPLIFICATION FACTOR	300
MAXIMUM PLATE VOLTAGE	5500 V
MAXIMUM PLATE DISSIPATION	35 W
MAXIMUM CATHODE CURRENT	325 mA

Published ratings, characteristics, typical-operation and capacitance tables reviewed; values are source-grounded.

Duodecar type used as a pulse-type regulator in the (l^^<&0 G high-voltage power supply of color television receivers. Qj \i) H H Outlines section, 1BF; requires duodecar 12-contact socket. Heater: volts (ac/dc), 6.

SOURCE OPERATING CONDITIONS

1968 General Electric Co

SOURCE PDF

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Peak Plate Voltage	**5500 V**	HighVoltageRegulator

CAPACITANCE		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Input Capacitance	**23 pF**	—
Output Capacitance	**12 pF**	—

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

1975 RCA RC30

SOURCE PDF

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**
socket. Heater: volts (ac/dc), 6.3; amperes, 2.4.	**12 V**	Other
Peak Plate Voltage*	**5500 V**	MaximumRating
Plate Dissipation	**35 W**	MaximumRating
Peak Plate Current	**325 mA**	MaximumRating
4-200	**-450 V**	MaximumRating
Grid-Circuit	**0.1 megohm**	MaximumCircuitValue

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Pulse Plate Voltage*	**3500 V**	Characteristic
Grid- Voltage, Negative-bias value	**4.4 V**	Characteristic
Peak Plate Current	**300 mA**	Characteristic
Plate Resistance (Approx.)	**4600 ohm**	Characteristic
Grid Voltage (Approx.) for plate current of	**1 mA**	Characteristic;PublishedValue1
Grid Voltage (Approx.) for plate current of	**16 mA**	Characteristic;PublishedValue2

Tube Tinker

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