



ELECTRONIC TUBE REFERENCE

Y1530

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Fast-warm-up metal-ceramic planar triode primarily intended for broadband radio-frequency amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
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 Triode	
TRANSCONDUCTANCE	0.05 S
AMPLIFICATION FACTOR	225
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	5.5 W
MAXIMUM CATHODE CURRENT	30 mA

The Y-1530 is a planar triode of metal-ceramic construction primarily intended for use as a broadband radio-frequency amplifier. A feature of this tube is fast warm-up.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage ACordCe 6 0 6 3	6.6 V	AVERAGE CHARACTERISTICS Test Conditions
Cathode Warm-up Time	4 s	AVERAGE CHARACTERISTICS Test Conditions

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage et ee et et ettt e e	330 V	ABSOLUTE-MAXIMUM RATINGS
Positive DC Grid Voltage ettt ettt etty et	0 V	ABSOLUTE-MAXIMUM RATINGS
Negative DC Grid Voltage A	50 V	ABSOLUTE-MAXIMUM RATINGS
Plate DISSIPATION ottt ittt it ittt et e et e	5.5 W	ABSOLUTE-MAXIMUM RATINGS
R To B 1T 13 AP 0P et	10 mA	ABSOLUTE-MAXIMUM RATINGS
D Cathode Current cveenns ettt e et eenreeeas	30 mA	ABSOLUTE-MAXIMUM RATINGS
Peak Cathode Current c ccveviviaiannnnnnn DN e v	120 mA	ABSOLUTE-MAXIMUM RATINGS
Heater Positive with Respect to Cathode it i ittt iien e eietenannas	50 V	ABSOLUTE-MAXIMUM RATINGS
Heater Negative with Respect to Cathode ttt iieeanes et	50 V	ABSOLUTE-MAXIMUM RATINGS

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

