



ELECTRONIC TUBE REFERENCE

Y1223

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

General Electric ceramic-metal planar triode; available source material does not establish a narrower functional role confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.084 S
AMPLIFICATION FACTOR	126
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM CATHODE CURRENT	500 mA

The Y1223 is described by the approved General Electric datasheet.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
or oscillator at frequencies up to	2500 MHz	—
P T TR0 - T 1 N	600 V	ABSOLUTE-MAXIMUM RATINGS
Negative DC Grid Voltage et e e e	50 V	ABSOLUTE-MAXIMUM RATINGS
Plate Dissipation c ovvee PP e	30 W	ABSOLUTE-MAXIMUM RATINGS
DC Grnid Current f e e ettt ettt PN e	20 mA	ABSOLUTE-MAXIMUM RATINGS
Peak Cathode CUITENT ttt et et et e e e et e ae e ae e et tea ey	500 mA	ABSOLUTE-MAXIMUM RATINGS
Heater Positive with Respect to Cathode oovrin ittt it it i e et et ate e ianannaens	50 V	ABSOLUTE-MAXIMUM RATINGS
e e	50 V	ABSOLUTE-MAXIMUM RATINGS
Grid CircUIt RESISIANCE o it ttitieer it iiee e e nnernannesssatanssosseasannentosanientonannensaens	10000 Ohm	ABSOLUTE-MAXIMUM RATINGS

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage ACorDCe 6 0 6 3	6.6 V	AVERAGE CHARACTERISTICS Test Conditions
DC Plate V0ltagE i ittt ittt i aeeiaeeevantsnaaaeanssssersnsasnasnnassonsasonresensneernnneneenens	500 V	AVERAGE CHARACTERISTICS Test Conditions
L 3K11 1 11 L	70 mA	AVERAGE CHARACTERISTICS Test Conditions

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
G CUITBNE L ttt ettt e ee e ieasee s e e anuaesonesassuseesenaneseseasasesssssnoneeeasonnsannnaens	15 mA	AVERAGE CHARACTERISTICS Test Conditions
L 0 1 1 1	18 W	AVERAGE CHARACTERISTICS Test Conditions