ELECTRONIC TUBE REFERENCE

6029

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Directly heated subminiature triode for high-frequency oscillator service to several hundred megahertz.

General characteristics

BASE DESIGNATION	5677	**BASE PINS**	–
NOMINAL HEATER	1.25 V / 200 mA	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

PLATE RESISTANCE	4250 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	8.5
MAXIMUM PLATE VOLTAGE	135 V

Directly heated subminiature medium-mu triode.

Directly heated subminiature triode for high-frequency oscillator service to several hundred megacycles.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Triode

APPLICATION		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Application	**HighFrequency_Oscillator text**	—

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

SOURCE PDF

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Input capacitance	**1.3 pF**	—
Output capacitance	**1.4 pF**	—
Grid-to-plate capacitance	**1.6 pF**	—

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate voltage	**90 V**	ClassA
Control-grid bias	**-4 V**	ClassA
Plate current	**11 mA**	ClassA
Plate resistance	**4250 ohm**	ClassA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	**2000 uS**	ClassA
Amplification factor	**8.5**	ClassA

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