



ELECTRONIC TUBE REFERENCE

6121

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated subminiature triode for compact electronic service. Available source material does not establish a narrower application confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 120 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0016 S
AMPLIFICATION FACTOR	15
MAXIMUM PLATE VOLTAGE	185 V
MAXIMUM PLATE DISSIPATION	1.1 W
<i>Published ratings and characteristics promoted where clearly stated; identical repeated sections compressed where applicable.</i>	

Directly heated subminiature Class-C amplifier and frequency-multiplier triode optimized for VHF battery-operated short-life special applications.



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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	1.25 V	Published nominal value
Heater or filament current	120 mA	Published nominal or representative value
Transconductance	1600 μS	Published characteristic

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	1.1 W	Published maximum rating
RF output power	0.2 W	160 MHz frequency doubler

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