



ELECTRONIC TUBE REFERENCE

2NE9

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Directly heated oxide-cathode electrometer tetrode intended for precision measuring applications requiring extremely small currents and sensitive DC signal amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.2 V / 29 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	10 V
<i>Tesla 2NE9 directly heated oxide-cathode electrometric tetrode for precision low-current measurements, filament nominal 1.2 V, 29 mA. Original 1959 Tesla datasheet specifies maximum plate voltage 10 V (corrected from 12 V), filament voltage operating range 1.1-1.3 V, and a special top-exit control-grid connection for increased insulation resistance. Envelope coated with silicone to reduce surface leakage; handle only with clean gloves. Typical/characteristic anode and grid values are not unrestricted maximums. Modified S7/10 wire-base arrangement reported.</i>	

Directly heated electrometer tetrode with oxide cathode, intended for precision measuring applications.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Tetrode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	1.2 V	Published nominal value
Heater or filament current	29 mA	Published nominal value

TUBE TINKER

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