

ELECTRONIC TUBE REFERENCE

7727

Voltage Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Subminiature electrometer pentode normally operated in triode connection for logarithmic and extremely low-current measurements. Its defining function is ultra-sensitive instrumentation rather than conventional RF, audio, or power amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 8.2 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode
No fixed ratings recorded.
Published ratings and characteristics promoted from the supplied Rogers/Rogers Majestic source.

Subminiature electrometer pentode, normally triode-connected, for logarithmic and very-low-current measurement applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Rogers

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

1959 ROGERS

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	1.25 V	—
HeaterOrFilamentCurrent	8.2 mA	—
Connection	Triode connected	Electrometer