ELECTRONIC TUBE REFERENCE

8057

Specialized - Gauge Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
GAUGE

Dual-filament Bayard-Alpert ionization-gauge triode for measuring very low pressures in high-vacuum systems.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	7 V / 2.5 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Gauge

No fixed ratings recorded.

Westinghouse 8057 Bayard-Alpert ionization vacuum gauge, using two tungsten filaments selectable singly, in series or parallel. Grid maximum +500 V relative to filament; ion collector maximum negative voltage -100 V. These are ionization-gauge electrode limits, not a conventional triode plate-voltage rating.

Dual-filament Bayard-Alpert style ionization-gauge triode for high-vacuum pressure measurement.

SOURCE OPERATING CONDITIONS

1947 Westinghouse

SOURCE PDF

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

1947 WESTINGHOUSE

Section 1 · Gauge

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	**7 V**	Nominal
HeaterCurrentNominal	**2.5 A**	Nominal
MaximumPlateOrOperatingVoltage	**500 V**	—
TypicalGridVoltage	**150 V**	Ionization gauge service

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FilamentOperatingModes	–	Single, series, or parallel

Tube Tinker

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