



ELECTRONIC TUBE REFERENCE

A441N

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Directly heated double-grid battery valve using a space-charge grid for low-voltage receiver service, enabling useful amplification from unusually small anode supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	A35B-4	BASE PINS	4
NOMINAL HEATER	4 V / 80 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.001 S
MAXIMUM PLATE VOLTAGE	100 V
<i>Promoted only from clearly identified published characteristics/limits; additional operating, capacitance, regulator, gas-tube, and push-pull data retained as section parameters.</i>	

Directly heated double-grid battery valve using a space-charge grid for low-voltage receiver service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Philips Miniwatt Vacuum Tube Catalog

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

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	4 mA	DoubleGridValve
Control-grid voltage	0 V	DoubleGridValve
Space-charge-grid voltage	4 V	DoubleGridValve

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control-grid conductance	0.3 mA/V	DoubleGridValve
Space-charge-grid conductance	1 mA/V	DoubleGridValve

TUBE TINKER

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and their source documents.

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