



HALF-WAVE VACUUM RECTIFIER

Miniature type used as rectifier of high-voltage pulses produced in the scanning systems of television receivers. Outline 17, OUTLINES SECTION. Tube requires miniature nine-contact socket. Pin No.3 may be connected to the filament, or used as a tie point for the filament-dropping resistor; otherwise it should not be used. Filament volts (ac), 1.4; amperes, 0.65. For filament and high-voltage considerations, refer to type 1B3-GT. Type 1AX2 is used principally for renewal purposes.

1AX2

PULSED-RECTIFIER SERVICE

For operation in a 525-line, 30-frame system

Maximum Ratings:

PEAK INVERSE PLATE VOLTAGE (<i>Absolute Maximum</i>)	25000 [■] max	volts
PEAK PLATE CURRENT	11 max	ma
AVERAGE PLATE CURRENT	1 max	ma

Typical Operation:

Peak Plate-Supply Voltage:

Positive pulse value	20000	volts
Negative pulse value	-5000	volts
DC Output Voltage (Approx.)	20000	volts
DC Output Current (Approx.)	300	μa

[■] Under no circumstances should this absolute value be exceeded.