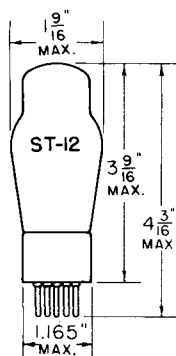


TUNG-SOL

DUO-DIODE TRIODE AMPLIFIER



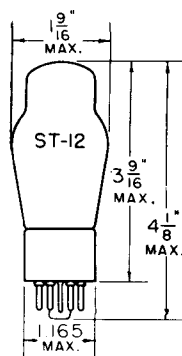
1B5/25S

COATED FILAMENT
2.0 VOLTS 0.06 AMPERE
DC

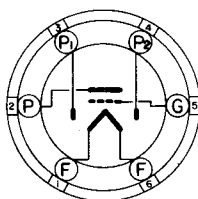
GLASS BULB

MOUNTING POSITION

THESE TUBES SHOULD BE OPERATED VERTICALLY WITH BASE DOWN. HOWEVER, HORIZONTAL OPERATION MAY BE PERMITTED FOR TUBE TYPE 1B5/25S WHEN PINS 2 AND 5 ARE HORIZONTAL. THE SAME WILL BE TRUE FOR THE 1H6G TUBE TYPE WHEN PINS 2 AND 7 ARE HORIZONTAL.

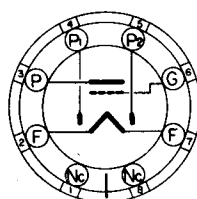


1H6G



BOTTOM VIEW

SMALL 6 PIN BASE



BOTTOM VIEW

SMALL 8 PIN OCTAL BASE

THE 1B5/25S AND 1H6G COMBINE TWO DIODES AND A TRIODE IN A SINGLE BULB. THEY ARE DESIGNED FOR SERVICE AS DIODE DETECTORS, AVC RECTIFIERS, AND IMPEDANCE OR RESISTANCE COUPLED AMPLIFIERS IN BATTERY OPERATED RECEIVERS.

DIRECT INTERELECTRODE CAPACITANCES

	1B5/25S	1H6G	
GRID TO PLATE	3.6	3.6	μmf
INPUT	1.6	1.6	μmf
OUTPUT	1.9	1.9	μmf

OPERATING CONDITIONS AND CHARACTERISTICS

TRIODE UNIT - CLASS A₁ AMPLIFIER

MAXIMUM PLATE VOLTAGE	135	VOLTS
CONTROL GRID VOLTAGE	-3.0	VOLTS
PLATE CURRENT	0.8	MA.
PLATE RESISTANCE	35 000	OHMS
TRANSCONDUCTANCE	575	μMHOS
AMPLIFICATION FACTOR	20	

1B5/25S(1H6G)

