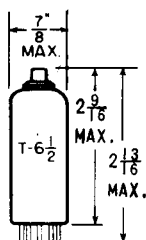


TUNG-SOL**DIODE**

MINIATURE TYPE

**GLASS BULB**SKIRTED
MINIATURE CAP

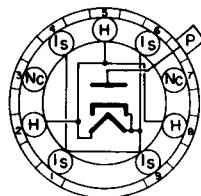
UNIPOTENTIAL CATHODE

HEATER

3.15 VOLTS 0.22 AMP.

AC

ANY MOUNTING POSITION

**BOTTOM VIEW**SMALL BUTTON NOVAL
9 PIN BASE

90T

THE 3A2 IS A DOUBLE-ENDED, 9 PIN MINIATURE TYPE OF HALF-WAVE VACUUM RECTIFIER UTILIZING AN INDIRECTLY HEATED CATHODE. IT IS DESIGNED FOR USE AS A RECTIFIER OF HIGH VOLTAGE PULSES PRODUCED IN THE SCANNING SYSTEMS OF COLOR TELEVISION RECEIVERS.

DIRECT INTERELECTRODE CAPACITANCES — APPROX.
WITHOUT EXTERNAL SHIELD

PLATE TO HEATER, CATHODE, & INTERNAL SHIELD	1.0	μf
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RATINGSINTERPRETED ACCORDING TO DESIGN CENTER SYSTEM
PULSED RECTIFIER SERVICE *

HEATER VOLTAGE	3.15	VOLTS
MAXIMUM PEAK INVERSE PLATE VOLTAGE	18 000	VOLTS
MAXIMUM PEAK PLATE CURRENT	80	MA.
MAXIMUM AVERAGE PLATE CURRENT	1.5	MA.

*FOR OPERATION IN A 525-LINE, 30-FRAME SYSTEM AS DESCRIBED IN "STANDARDS OF GOOD ENGINEERING PRACTICE FOR TELEVISION BROADCAST STATIONS: FEDERAL COMMUNICATIONS COMMISSION", THE DUTY CYCLE OF THE VOLTAGE PULSE MUST NOT EXCEED 15% OF ONE SCANNING CYCLE.

