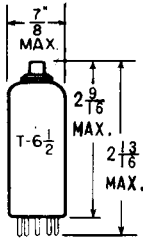


TUNG-SOL

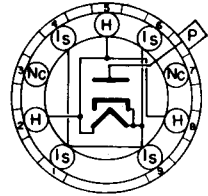
DIODE

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 μ f

RATINGS

INTERPRETED 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.

