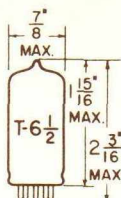


TUNG-SOL

TRIPLE DIODE

MINIATURE TYPE



GLASS BULB

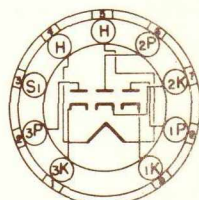
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 450 MA.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

MINIATURE BOTTOM
9 PIN BASE
9AX

THE 6BC7 COMPRISES THREE SEPARATE HIGH PERVEANCE DIODES IN THE 9 PIN MINIATURE CONSTRUCTION. THE ELEMENTS OF EACH DIODE ARE BROUGHT OUT SEPARATELY. IT CAN BE USED AS A COMBINED FM/AM DETECTOR WITHOUT THE NEED FOR ADDITIONAL SWITCHING. TWO OF THE DIODES ARE BALANCED FOR USE IN BALANCED DETECTOR APPLICATIONS. THE THREE SEPARATE AND INDEPENDENT DIODES ALLOW FOR A MULTIPLICITY OF CIRCUIT ARRANGEMENTS IN TELEVISION APPLICATIONS.

DIRECT INTERELECTRODE CAPACITANCES — APPROX.
WITH NO EXTERNAL SHIELD

PLATE OF DIODE #1 TO ALL OTHER ELEMENTS	3.5	$\mu\mu\text{f}$
PLATE OF DIODE #2 TO ALL OTHER ELEMENTS	5.5	$\mu\mu\text{f}$
PLATE OF DIODE #3 TO ALL OTHER ELEMENTS	3.5	$\mu\mu\text{f}$

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

HEATER VOLTAGE	6.3	VOLTS
DIODE OPERATION CURRENT PER PLATE	12	MA.
PEAK HEATER-CATHODE VOLTAGE	200	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

EACH DIODE UNIT

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	450	MA.
AVERAGE CURRENT DIODES #1 AND #3 WITH 5 VOLTS DC APPLIED	35	MA.
ZERO VOLTAGE CURRENT OF EACH DIODE SECTION THRU 40,000 OHMS	21	μA .

NOTE: RATIO OF $\frac{103}{101}$ AND/OR $\frac{101}{103}$ SHALL NOT BE GREATER THAN 1.3 AT $E_D = 5$ VOLTS.

