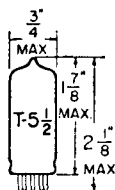


TUNG-SOL

DIODE PENTODE

MINIATURE TYPE



GLASS BULB

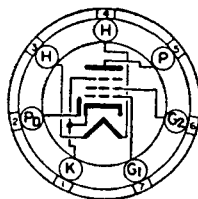
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.3 AMP.

AC OR DC

ANY MOUNTING POSITION


BOTTOM VIEW
 MINIATURE BUTTON
 7 PIN BASE

7EA

THE 6CR6 IS A COMBINED SINGLE DETECTOR DIODE AND REMOTE CUT-OFF PENTODE WITH A COMMON CATHODE IN THE 7 PIN MINIATURE CONSTRUCTION. THE PENTODE SECTION IS INTENDED FOR USE AS AN AUDIO AMPLIFIER IN WHICH AVC VOLTAGE IS APPLIED TO THE CONTROL GRID FOR IMPROVED OVER-ALL RECEIVER AVC.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	100	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM GRID #2 VOLTAGE	150	VOLTS
MAXIMUM POSITIVE DC GRID #1 VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	2.5	WATTS
MAXIMUM GRID #2 DISSIPATION	0.3	WATTS
MAXIMUM GRID #1 CIRCUIT RESISTANCE	1.0	MEGOHM
AVERAGE DIODE CURRENT WITH 10 VOLTS DC APPLIED	2.0	MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.3	AMP.
PLATE VOLTAGE	250	VOLTS
GRID #2 VOLTAGE	100	VOLTS
GRID #1 VOLTAGE	-2	VOLTS
PLATE CURRENT	9.5	MA.
GRID #2 CURRENT	3.0	MA.
TRANSCONDUCTANCE	1950	μMHOS
PLATE RESISTANCE (APPROX.)	0.2	MEGOHM
GRID #1 VOLTAGE (APPROX.) FOR $G_m = 10 \mu\text{MHOS}$	-40	VOLTS

