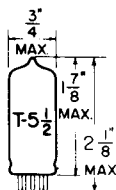


TUNG-SOL

DIODE PENTODE

MINIATURE TYPE



GLASS BULB

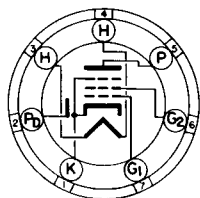
COATED UNIPOTENTIAL CATHODE

HEATER

12.6 VOLTS 0.15 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

MINIATURE BUTTON
7 PIN BASE

THE 12CR6 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 OVERALL RECEIVER AVC.

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

HEATER VOLTAGE	12.6	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM POSITIVE DC GRID #1 VOLTAGE	0	VOLTS
MAXIMUM GRID #2 VOLTAGE	150	VOLTS
MAXIMUM PLATE DISSIPATION	2.5	WATTS
MAXIMUM GRID #2 DISSIPATION	0.3	WATT
MAXIMUM GRID #1 CIRCUIT RESISTANCE	1	MEGOHM
MINIMUM DIODE CURRENT WITH 10 VOLTS DC APPLIED	2	MA.
MAXIMUM HEATER-CATHODE VOLTAGE	100	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HEATER VOLTAGE	12.6	VOLTS
HEATER CURRENT	0.15	AMP.
PLATE VOLTAGE	250	VOLTS
GRID #2 VOLTAGE	100	VOLTS
GRID #1 VOLTAGE	-2	VOLTS
PLATE CURRENT	9.6	MA.
GRID #2 CURRENT	2.6	MA.
TRANSCONDUCTANCE	2 200	μ MHOS
PLATE RESISTANCE (APPROX.)	0.8	MEGOHM
GRID #1 VOLTAGE (APPROX.) FOR $G_m = 10 \mu$ MHOS	-32	VOLTS