TUNG-SOL

CATHODE RAY

COATED UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 0.6 AMP.
AC OR DC

ANY MOUNTING POSITION

GLASS BULB

SMALL SHELL DUODECAL 7 PIN BASE

THE 10BP4 IS AN ELECTROMAGNETIC CATHODE RAY TUBE INTENDED FOR DIRECT VIEW TELEVISION USE. IT PROVIDES A BLACK AND WHITE 6" BY 8" PICTURE OF GOOD DEFINITION. THIS TUBE USES MAGNETIC FOCUS AND DEFLECTION. IT REQUIRES THE USE OF AN EXTERNAL ION-TRAP MAGNET TO ELIMINATE SCREEN BLEMISHES.

DESCRIPTION

FLUORESCENCE AND PHOSPHORESCENCE	WHITE
PERSISTENCE OF PHOSPHORESCENCE	MEDIUM
DEFLECTION AND FOCUSING METHOD	MAGNETIC
DEFLECTION ANGLE (APPROX.)	50 DEGREES
ION TRAP	MAGNETIC
EXTERNAL COATING	CONDUCTIVE

DIRECT INTERELECTRODE CAPACITANCES

GRID #1 TO ALL OTHER ELECTRODES: G_1 TO ($H+K+G_2+A\&G_3$)	6.5	μμf
CATHODE TO ALL OTHER ELECTORDES: K TO ($H+K+G_2+A\&G_3$)	5.0	μμf
EXTERNAL CONDUCTIVE COATING TO ANODE #2	2500 MAX., 500 MIN.	μμf

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.6	AMP.
MAXIMUM ANODE VOLTAGE ($A\&G_3$)	10 000	VOLTS
MAXIMUM GRID #2 VOLTAGE	410	VOLTS
MAXIMUM GRID #1 VOLTAGE:		
NEGATIVE BIAS VOLTAGE	125	VOLTS
POSITIVE BIAS VOLTAGE	0	VOLTS
POSITIVE PEAK VOLTAGE	2	VOLTS
PEAK HEATER-CATHODE VOLTAGE: HEATER NEG. WITH RESPECT TO CATHODE DURING EQUIPMENT WARMING UP PERIOD NOT EXCEEDING 15 SEC.	410	VOLTS
AFTER EQUIPMENT WARM-UP PERIOD	125	VOLTS
HEATER POSITIVE WITH RESPECT TO CATHODE	125	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

ANODE VOLTAGE		9 000	VOLTS
GRID #2 VOLTAGE		250	VOLTS
GRID #1 VOLTAGE	(VISUAL EXTINCTION OF UNDEFLECTED FOCUSED SPOT.)	-27 TO -63	VOLTS

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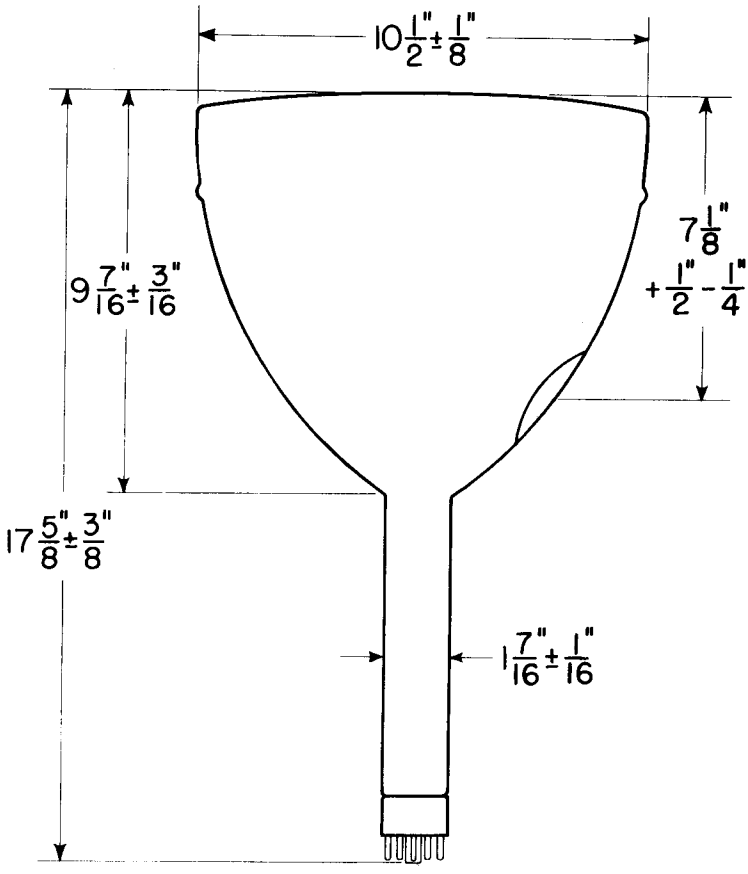
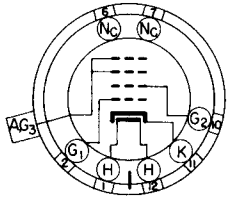
TENTATIVE DATA

TUNG-SOL





1. HEATER
2. GRID NO. 1
6. NO CONNECTION
7. NO CONNECTION
10. GRID NO. 2
11. CATHODE
12. HEATER

CAP ANODE, GRID NO.3

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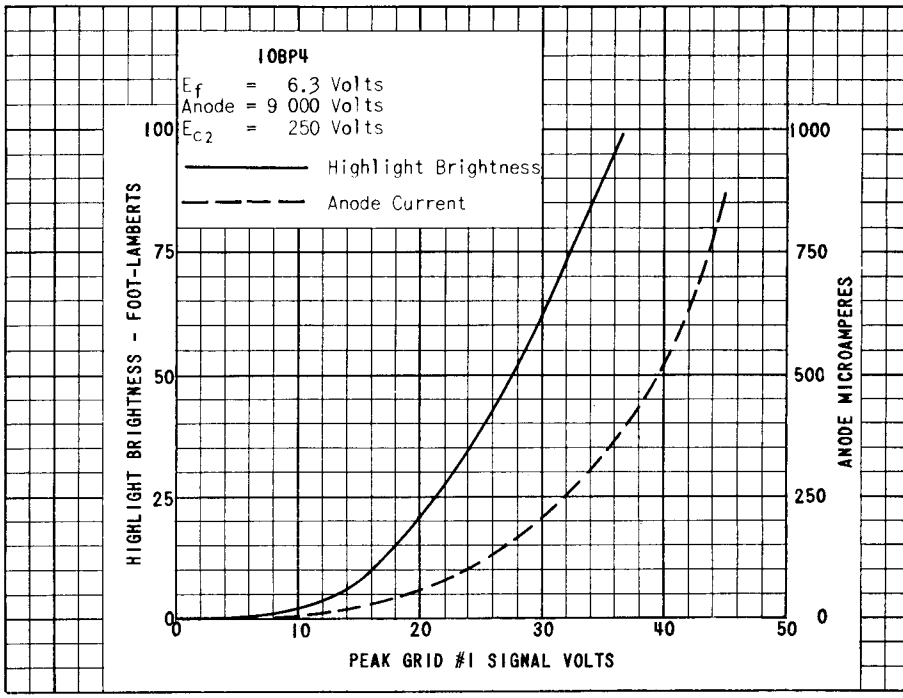

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2161
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