

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 5 PIN BASE

THE 10FP4 IS A GLASS ENVELOPE MAGNETIC DEFLECTION AND MAGNETIC FOCUS DIRECT-VIEW PICTURE TUBE INTENDED FOR USE IN TELEVISION RECEIVERS. IT PROVIDES FOR A PICTURE 6" X 8". A REFLECTIVE METAL-BACKED SCREEN PREVENTS ION-SPOT BLEMISH AND GIVES IMPROVED PICTURE CONTRAST. AN EXTERNAL CONDUCTIVE COATING, WHEN GROUNDED, SERVES AS A HIGH VOLTAGE FILTER CAPACITOR.

DESCRIPTION

FLUORESCENCE AND PHOSPHORESCENCE	WHITE
PERSISTENCE	MEDIUM
DEFLECTING AND FOCUSING METHOD	MAGNETIC
DEFLECTION ANGLE (APPROX.)	54 DEGREES
COATING	CONDUCTIVE
ANODE TERMINAL	RECESSED SMALL CAVITY CAP
RASTER SIZE	6" X 8"

DIRECT INTERELECTRODE CAPACITANCES - APPROX.

GRID #1 TO ALL OTHER ELECTRODES	6	μf
CATHODE TO ALL OTHER ELECTRODES	5	μf
EXTERNAL CONDUCTIVE COATING TO ANODE	500 - 2 500	μf

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.6	AMP.
MAXIMUM ANODE VOLTAGE	12 000	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 NEGATIVE WITH RESPECT TO CATHODE:		
DURING EQUIPMENT WARM-UP PERIOD		
NOT EXCEEDING 15 SECONDS	410	VOLTS
AFTER EQUIPMENT WARM-UP PERIOD	140	VOLTS
HEATER POSITIVE WITH RESPECT TO CATHODE	140	VOLTS
MAXIMUM GRID #1 CIRCUIT RESISTANCE	1.5	MEGOHMS

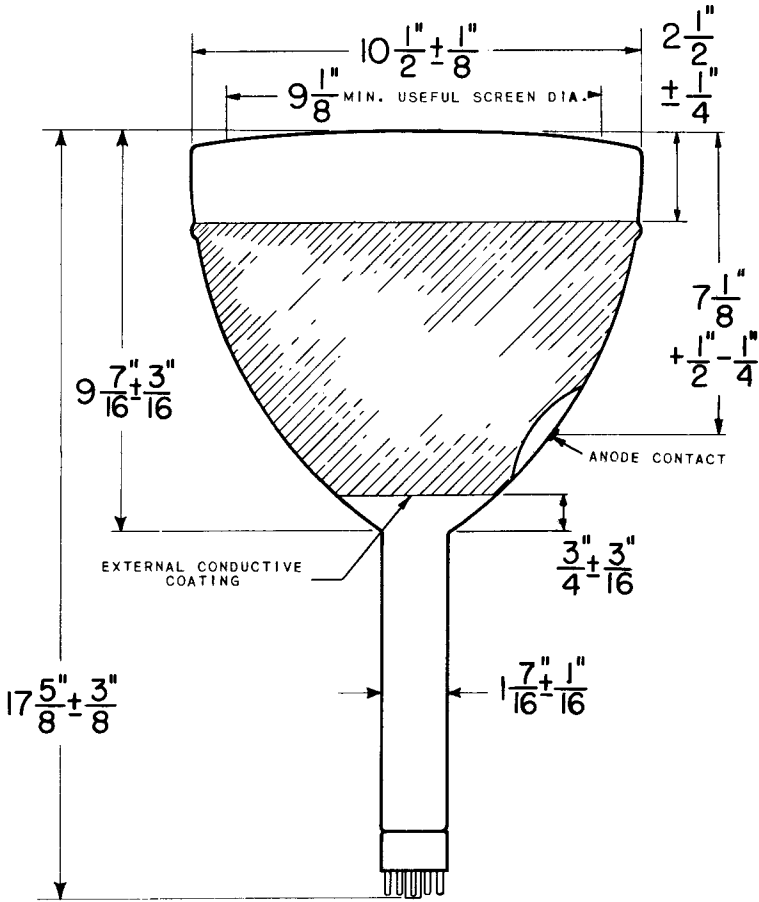
TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

ANODE VOLTAGE	11 000	VOLTS
GRID #2 VOLTAGE	250	VOLTS
GRID #1 VOLTAGE (VISUAL EXTINCTION OF UNDEFLECTED FOCUSED SPOT)	-27 to -63	VOLTS
FOCUSING COIL CURRENT (APPROX.)	110	MA.
SPOT CENTERING	16	MM.

PRINTED IN U. S. A.

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TUNG-SOL



- 1. HEATER
- 2. GRID NO. 1
- 10. GRID NO. 2
- 14. CATHODE
- 12. HEATER
- CAP ANODE

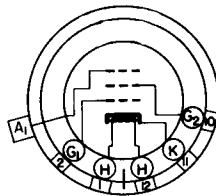


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