

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 15DP4 IS A DIRECTLY VIEWED PICTURE TUBE INTENDED FOR USE IN TELEVISION RECEIVERS. THE TUBE UTILIZES MAGNETIC FOCUS AND DEFLECTION TO PROVIDE 9 1/2" X 12 3/4" PICTURES WITH HIGH BRILLIANCE AND DEFINITION. THE ELECTRON GUN DESIGN UTILIZES A BENT ELECTRODE STRUCTURE TO BE USED WITH A SINGLE EXTERNAL MAGNETIC FIELD FOR THE ELIMINATION OF ION SPOT BLEMISHES.

DESCRIPTION

FLUORESCENCE AND PHOSPHORESCENCE	WHITE
PERSISTENCE	MEDIUM
DEFLECTING AND FOCUSING METHOD	MAGNETIC
DEFLECTION ANGLE (APPROX.)	57 DEGREES
BULB CONTACT	RECESSED SMALL BALL CAP

DIRECT INTERELECTRODE CAPACITANCES - APPROX.

GRID #1 TO ALL OTHER ELECTRODES	7	μuf
CATHODE TO ALL OTHER ELECTRODES	5	μuf

RATINGS

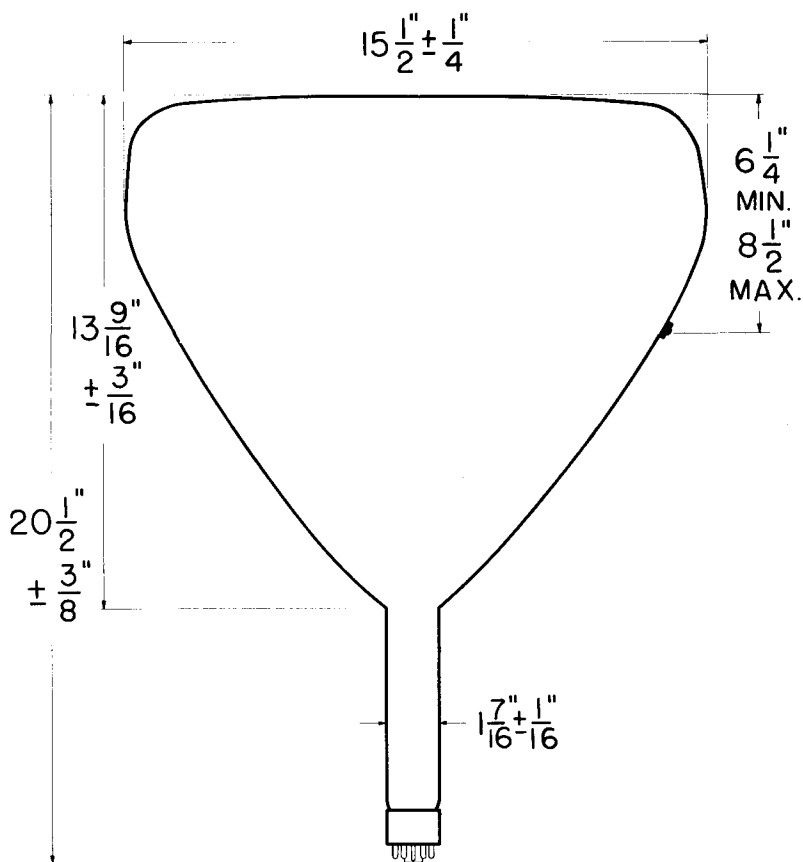
INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.6	AMP.
MAXIMUM ANODE VOLTAGE (A+G ₃)	15 000	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	MEG OHMS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

ANODE VOLTAGE	13 000	VOLTS
GRID #2 VOLTAGE	250	VOLTS
GRID #1 VOLTAGE (VISUAL EXTINCTION OF UN- DEFLECTED FOCUSED SPOT)	-27 TO -63	VOLTS
DC FOCUSING COIL CURRENT (APPROX.)	146	MA.
DC ION-TRAP MAGNET CURRENT (APPROX.)	105	MA.

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- 1. HEATER
- 2. GRID #1
- 10. GRID #2
- 11. CATHODE
- 12. HEATER
- CAP ANODE, GRID #3

