



engineering data service

12LP4C

CHARACTERISTICS

CHARACTERISTICS	
GENERAL DATA	
Focusing Method	Degrees
Faceplate	Percent
Heater Voltage	
Cathode to All Other Electrodes	μμt μμf Max. μμf Min.
Ion Trap Magnet External, Double Field Type	
MECHANICAL DATA	
Minimum Useful Screen Dimensions (Diameter)	
1 031(101) 140.9	Degrees
RATINGS MAXIMUM RATINGS (Design Center Values)	
Anode Voltage	Volts dc
Grid No. 2 Voltage 410	Volts dc
Grid No. 1 Voltage Negative Bias Value	Volts dc Volts
After Equipment Warm-up Period	. 140 Volts
Heater Positive with Respect to Cathode	140 Volts
Anode Voltage	Volts dc Volts dc Ma dc
CIRCUIT VALUES Grid No. 1 Circuit Resistance	Megohms Max.
NOTES: 1. External conductive coating must be grounded. 2. Visual extinction of undeflected focused spot. 3. For JETEC focusing coil 106 or equivalent three and one quar	ter inches from

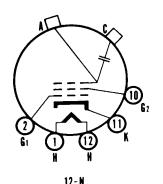
reference line, bias adjusted to 20 foot lamberts on a 71/2 x 10 inch picture area

sharply focused at center of screen.

QUICK REFERENCE DATA

Television Picture Tube
12" Direct Viewed
Round Glass Type
Magnetic Deflection
Magnetic Focus
Double Field Ion Trap
External Conductive Coating
Gray filter glass faceplate
Aluminized Screen





SYLVANIA ELECTRIC PRODUCTS INC.

TELEVISION PICTURE TUBE DIVISION

SENECA FALLS, NEW YORK

Prepared and Released By The TECHNICAL PUBLICATIONS SECTION EMPORIUM, PENNSYLVANIA

MAY 14, 1954

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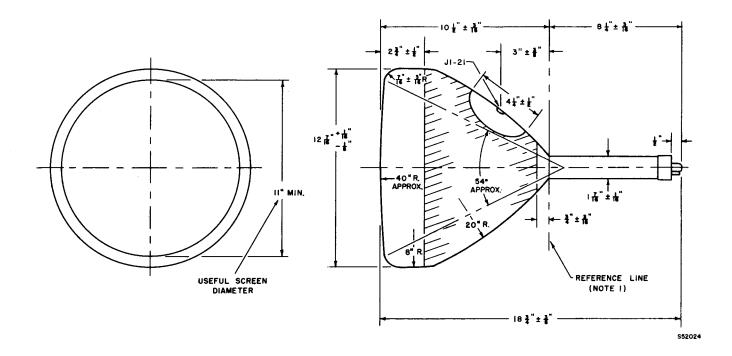


DIAGRAM NOTES:

1. Reference line is determined by the plane of the upper edge of the reference line gauge (JETEC No. 112) when the gauge is resting on the glass cone.

WARNING:

X-ray radiation shielding may be necessary to protect against possible danger of personal injury from prolonged exposure at close range if this tube is operated at higher than the manufacturer's Maximum Rated Anode Voltage or 16,000 volts, whichever is less.