17ASP4
17" RECTANGULAR TELEVISION TUBE

GENERAL DATA
Fluorescent Colour of Screen white
Focus magnetic
Deflection magnetic
Deflection Angle (for diagonal of 391 mm) 70 degrees
Ion Trap magnetic
Weight (approx.) 16 lbs.
Mounting Position - Any, except vertical with screen uppermost

CATHODE DATA
Indirectly heated - series or parallel operation
Heater Voltage $V_h$ 6.1 V
Heater Current $I_h$ 0.3 A
Heater Voltage Switching Surge must not exceed 8.5 volts

CAPACITANCES
Grid/All other electrodes $C_{g,a,l}$ 6.5 pF
Cathode/All other electrodes $C_{k,a,l}$ 5.3 pF
Anode No.2/External coating $C_{e,2,w}$ 1,100 pF

RATINGS
Max. Anode No.2 Voltage $V_{a2,m}$ 14 KV
Max. Anode No.1 Voltage $V_{a1,m}$ 410 V
Min. Anode No.1 Voltage $V_{a1,m}$ 200 V
Min. Grid Voltage $V_{g,m}$ 1 V
Max. Grid Voltage (Visual cut-off) $V_{g,m}$ max. -0.24 x $V_{a1,m}$ V
Max. Peak Heater/Cathode Voltage (heater negative to cathode) $V_{h,c,k}$(pk) max. 150 V
Max. Grid Resistor $R_{g,c,k}$ max. 1 MΩ

TYPICAL OPERATION
Anode No.2 Voltage $V_{a2}$ 12 KV
Anode No.1 Voltage $V_{a1}$ 250 V
Grid Drive for Peak Brightness $V_g$ change 30 V
Peak Cathode Current $I_{c,k}$ (pk) 2.20 μA

BASE - B12A - Dodecanal
CAP - C.T.2. (9 mm)

View under base

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