VACUUM TUBE PRODUCTS



VTP 5ACP4

The VTP 5ACP4 cathode ray tube is an electro-magnectic deflection and electro-static focus tube of the zero focus voltage type providing high definition and intensity. A metal backed screen is used to provide the ultimate conditions when viewing is required at high ambient light levels. The metallic coating also provides freedom from ion burns. A high quality optical glass face plate is used to allow full benefit of the excellent signal presentation. Assurance of long life is had through the exclusive Vacuum Tube Products method of long and careful exhaust.

The VTP 5ACP4 tube is interchangable with the old style 5F tube by merely removing the focus coil and connecting a jumper between pin 6 and 7 in equipment designed for the 5F. An improvement in equipment operation will be noticed in any units operating above 3000 anode volts.

GENERAL CHARACTERISTICS

Heater Voltage
Heater Current 0.6 Amperes
Anode Voltage (conductive inner wall coating and G#3)18,000 Max Volts D.C.
Grid #2 Voltage (Accelerating Electrode)
Grid #1 Voltage (Control Electrode)
"Negative Bias Value
Positive Bias Value 0 Max Volts D.C.
Positive Peak Value
Peak Heater to Cathode Voltage
Heater Negative with respect to Cathode
Heater Positive with Respect to Cathode
Facus Flatin Statin
Focus Voltage range (Max.) Electro Static plus or minus 500 Volts
Deflection Magnetic
Deflection Angle (Approximate)
Racing (RTMA 8FO) Medium Shell Octal 8 Pin
Basing (RTMA 8EQ)
Element NC H G#2 NC G#1 F K H
Anode contact is small recessed ball cap in bulb wall.
TYPICAL OPERATION
Heater Voltage
Anode Voltage 12,000 Volts
Grid #2 Voltage 250 Volts
Grid #1 Voltage—27 to —63 Volts
Focus Voltage Zero
Grid #1 Circuit resistance
Maximum 1.5 Megohms
Minimum
Grid #2 Circuit Resistance
Anode Circuit Resistance
Note: Type VTP 5ACP4 tube operates from power supplies that are dangerous.
The above circuit values are recommended as a safety measure.
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