5813  High definition camera tube; heater type; low velocity scanning; magnetic focusing and deflection. 8 pin base. See drawing.

Heater Voltage (a.c.)  6.3 volts
Heater Current  0.60 amperes

Direct Inter electrode Capacitance:
- Cathode to all other elements  5 max.  uuf.
- Grid to all other elements  5 max.  uuf.
- Signal plate to all other elements  3 max.  uuf.

Leakage Resistance:
- Between any two elements  greater than 10 meegohms

Face Terminal Caps (three)  small metal

Max. Ratings
- G1 Voltage  Never positive to -200 volts
- G2 Voltage  250 volts
- Anode Voltage  300 volts
- Decelerator Voltage  300 volts
- Signal plate bias  0 to -200 volts
- Temperature  60° C.
- Mosaic illumination  10 ft. candles

Typical Operation
- Heater voltage  6.3 volts
- G1 voltage (for picture cutoff)  -5 to -45 volts
- G2 voltage (Beam Focus)  140 to 210 volts
- Anode voltage  250 volts
- Decelerator voltage  0 to 60 volts
- Signal-plate voltage  -2 volts
- Field strength at center of Focusing coil  65 gauss
NOTE: MAKE NO CONNECTIONS TO PIN NO. 1-6 & 8.