Type 6N4CT is a single diode having a heater rating of 6.3 volts and 0.150 amperes. This new type is recommended for use in series heater circuits where an additional 12.6 volt, 0.150 amperes heater tube would make it impossible to include a surge limiting resistor, or in six-tube low-drain receivers where for circuit or commercial reasons entirely separate diodes are used for Detection and Automatic Volume Control.

Type 6N4CT will more economically fill circuit requirements in larger AC model receivers where it is at present common practice to use triodes connected as diodes.

Heater Voltage...................... 6.3 volts
Heater Current...................... 0.150 amperes
DC Plate Voltage (RMS).............. 100 volts max.
DC Output Current................... 4 ma. max.
Peak Plate Current.................. 18 ma. max.
Approx. Plate Resistance (at 0.25 ma.) 1000 ohms

Mechanical Data:

Max. Overall Length............... 3-5/16"
Max. Diameter...................... 1-2/16"
Bulb................................ Intermediate
Base.................................. Catal 5-Pin

Basing:

Pin No. 1 - No Connection
Pin No. 2 - Heater
Pin No. 4 - Plate
Pin No. 7 - Heater
Pin No. 8 - Cathode

5AF
BASE-Bottom View

5/11/39