Current Equipment Type

**TYPE PCC84/7AN7**
**MINIATURE**
**HIGH SLOPE**
**DOUBLE TRIODE**

The BRIMAR PCC84/7AN7 consists of two separate high slope triode units designed for use in VHF cascode amplifiers. Normally, triode 1 is operated as a grounded cathode stage directly coupled to triode 2 which is connected as a grounded grid stage. This gives a low noise input amplifier for use in television receivers for Band III. The shield connected to the grid of triode 2 keeps coupling between the two units to a minimum.

**RATINGS**

Heater Current ... ... ... ... ... ... 0.3 amp.
Heater Voltage ... ... ... ... ... ... 7.0 volts (nom.)

*For further information and characteristics refer to type ECC84*

Current Equipment Type

**TYPE PCF82/9U8**
**MINIATURE**
**TRIODE-PENTODE**
**FREQUENCY CHANGER**

The BRIMAR PCF82/9U8 is a triode-pentode frequency changer featuring a high slope triode and a high input impedance pentode of high slope suitable for use in television receivers for Band III. The high input impedance at 200 Mc/s permits a sensibly constant conversion gain to be obtained over Bands I and III. The low value of $C_{ag}$ for the pentode and $C_{ap-at}$ facilitate the reduction of oscillator radiation. The use of low oscillator grid current to obtain the required heterodyne voltage reduces the frequency drift of the oscillator to a minimum.

**RATINGS**

Heater Current ... ... ... ... ... ... 0.3 amp.
Heater Voltage ... ... ... ... ... ... 9.5 volts (nom.)

*For further information and characteristics refer to type ECF82/6U8*