

# 12BA6-12BE6

## DESCRIPTION AND RATING

### 12BA6

**12BA6 Remote-Cutoff Pentode.** The 12BA6 is a miniature, remote-cutoff pentode primarily designed for use as a high-gain, radio-frequency or intermediate-frequency amplifier.

Except for heater characteristics, the 12BA6 is identical to the 6BA6.

### GENERAL

#### ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC* . . . . .	12.6±1.3	Volts
Heater Current‡ . . . . .	0.15	Amperes

### 12BE6

**12BE6 Heptode.** The 12BE6 is a miniature heptode primarily designed to perform the combined functions of the mixer and oscillator in superheterodyne circuits in both the standard broadcast and FM bands.

Except for heater characteristics, the 12BE6 is identical to the 6BE6.

### GENERAL

#### ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC* . . . . .	12.6±1.3	Volts
Heater Current‡ . . . . .	0.15	Amperes

### NOTES

\* The equipment designer should design the equipment so that heater voltage is centered at the specified bogey value, with heater supply variations restricted to maintain heater voltage within the specified tolerance.

‡ Heater current of a bogey tube at  $E_f = 12.6$  volts.

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