

# 12X4

## Full-Wave Vacuum Rectifier

*The 12X4 is the same as the 6X4 except for the following items:*

Heater Characteristics and Ratings:

Current. . . . .	0.300	amp
Voltage (AC or DC) at heater amperes = 0.300 . . . . .	12.6	volts

# 13CW4

## High-Mu Triode

NUVISTOR TYPE

For Use as Grounded-Cathode, Neutralized RF-Amplifier  
Tube in Tuners of VHF Television and FM Receivers

*The 13CW4 is the same as the 6CW4 except for the following items:*

Heater Characteristics and Ratings:

Current. . . . .	0.060	amp
Voltage (AC or DC) at heater amperes = 0.060 . . . . .	13.5	volts

# 13DE7

## Dual Triode

With Medium-Mu Unit and Low-Mu Unit

9-PIN MINIATURE TYPE

*The 13DE7 is the same as the 6DE7 except for the following items:*

Heater Characteristics and Ratings:

Current. . . . .	0.450 ± 0.030	amp
Voltage (AC or DC) at heater amperes = 0.450 . . . . .	13.0	volts
Warm-up time (Average) . . . . .	11	sec

