

# 4BQ7A

## Medium-Mu Twin Triode

9-PIN MINIATURE TYPE

With Heater Having Controlled Warm-Up Time

*The 4BQ7A is the same as the 6BQ7A except for the following items:*

Heater Characteristics and Ratings (*Design-Center Values*):

Current . . . . .	0.600 ± 0.040	amp
Voltage (AC or DC) at heater current = 0.600 . . . . .	4.2	volts
Warm-up time (Average). . . . .	11	sec

# 4BS8

## Medium-Mu Twin Triode

9-PIN MINIATURE TYPE

With Heater Having Controlled Warm-Up Time

*The 4BS8 is the same as the 6BS8 except for the following items:*

Heater Characteristics and Ratings (*Design-Center Values*):

Current . . . . .	0.600 ± 0.040	amp
Voltage (AC or DC) at heater current = 0.600 . . . . .	4.5	volts
Warm-up time (Average). . . . .	11	sec

# 4BU8

## Sharp-Cutoff Twin Pentode

With Common Cathode, Grid No.1, & Grid No.2

9-PIN MINIATURE TYPE

With Heater Having Controlled Warm-Up Time

*The 4BU8 is the same as the 6BU8 except for the following items:*

Heater Characteristics and Ratings (*Design-Maximum Values*):

Current . . . . .	0.450 ± 0.030	amp
Voltage (AC or DC) at heater current = 0.450 . . . . .	4.2	volts
Warm-up time (Average). . . . .	11	sec

