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BRIMAR VALVES

TYPE 6063

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R.M.A. REGISTRATION DATA

6063
FULL WAVE RECTIFIER

This valve is designed for trustworthy operation under conditions of vibration and mechanical shock. It is designed for use in equipment where the current drain does not exceed 70 mA. The general characteristics and performance are as Type 6X4.

MECHANICAL DATA:

Coated unipotential cathode.
Outline drawing ..... 5-3 Bulb T-5½
Base ..... E7-1 Miniature Button 7-pin.
Maximum diameter ..... 3/4"
Maximum overall length ..... 2.5/8"
Maximum seated height ..... 2.3/8"
Pin connections .....Basing No.5BS

Pin 1 - Plate No. 2
Pin 2 - Internally connected
Pin 3 - Heater
Pin 4 - Heater
Pin 5 - Internally connected
Pin 6 - Plate No. 1
Pin 7 - Cathode

Mounting position ..... any
Maximum shock (in intermittent service) ..... 720 g.
Vibration (continuous service) ..... 2.5 g.
Mechanical resonance ..... None below 100 c/s.

ELECTRICAL DATA:

Ratings

Heater voltage (ac or dc) ..... 6.3 volts
Heater current ..... 0.6 amp
D.C. heater-cathode voltage ..... 450 volts
Peak plate current (per plate) ..... 210 mA
D.C. output current ..... 70 mA
Peak inverse plate voltage .....1250 volts

60060/100

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Typical operating conditions

Condenser Input Filter

Maximum R.M.S. voltage(per plate)	325 volts
Minimum supply impedance (per plate)	150 ohms
Maximum direct current output	70 mA
Maximum reservoir condenser	32 µF

Choke Input Filter

Maximum R.M.S. voltage (per plate)	450 volts
Maximum direct current output	70 mA
Maximum choke inductance	8 Henries

60060/100A