7B6-LM

DUPLEX-DIODE HIGH-MU TRIODE
Single-Ended Metal Type
(TENTATIVE DATA)

HEATER VOLTAGE (A.C. or D.C.)	6.3□ Volts
HEATER CURRENT	0.3□□ Ampere
MAXIMUM OVERALL LENGTH	2-5/8"
MAXIMUM SEATED HEIGHT	2-3/32"
MAXIMUM DIAMETER	1-1/4"
BULB	Metal Shell,MT-8
BASE	Small Wafer octalox 8-Pin
BASING DESIGNATION	8W

□ Nominal value is 7 volts.
□□ Nominal value is 0.32 ampere.

Triode Unit - Class A_1 Amplifier

PLATE VOLTAGE	250 max.*	volts
CHARACTERISTICS:		
Heater Voltage #	6.3	Volts
Plate Voltage	250	Volts
Grid Voltage	-2	Volts
Amplification Factor	100	
Plate Resistance	91000	Ohms
Transconductance	1100	Micromhos
Plate Current	0.9	Milliampere

Diode Units - Two

The two diode units are placed around a cathode, the sleeve of which is common to the triode unit. Each diode has its own base pin. Diode biasing of the triode unit of the 7B6-LM is not suitable.

* Design maximum for 117-Volt line.
\# In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

Pin Connections

Pin 1 - Heater
Pin 2 - Triode Plate
Pin 3 - Triode Grid
Pin 4 - Cathode
Pin 5 - Diode Plate #2
Pin 6 - Diode Plate #1
Pin 7 - Cathode
Pin 8 - Heater
Plug - Shell

(Pin numbers are according to RMA system)

Operating Position

Vertical or Horizontal - No restrictions

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