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BEAM POWER TUBE

Useful at Frequencies up to 125 Mc

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

Voltage.	6.3 ± 0.6 ac or dc volts
Current.	0.9 amp

Transconductance (Approx.)

for plate volts = 250, grid-No.2 volts = 250, grid-No.1 volts = -14	6000 μmhos
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Mu-Factor, Grid No.2 to

Grid No.1 for plate volts = 250, grid-No.2 volts = 250, and grid-No.1 volts = -20	8
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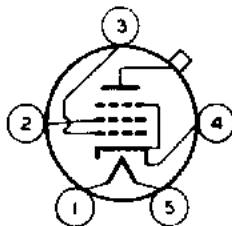
Direct Interelectrode Capacitances:

Grid No.1 to plate ^o	0.2 max. μμf
Grid No.1 to cathode & grid No.3, grid No.2, and heater	12 μμf
Plate to cathode & grid No.3, grid No.2, and heater	7 μμf

Mechanical:

Mounting Position.	Any
Maximum Overall Length	5-3/4"
Seated Length.	4-31/32" ± 5/32"
Maximum Diameter	2-1/16"
Weight (Approx.)	3 oz
Bulb	ST-16
Cap.	Small (JETEC No.C1-1)
Base	Medium-Micanol-Shell Small 5-Pin (JETEC No.A5-11)
Basing Designation for BOTTOM VIEW	5AW

Pin 1 - Heater
Pin 2 - Grid No.2
Pin 3 - Grid No.1



Pin 4 - Cathode,
Grid No.3
Pin 5 - Heater
Cap - Plate

AF POWER AMPLIFIER & MODULATOR - Class AB₁♦

Triode Connection--Grid No.2 Connected to Plate

Maximum Ratings, Absolute Values:

	CCS [•]	ICAS ^{••}	
DC PLATE VOLTAGE	400 max.	400 max.	volts
MAX.-SIGNAL DC PLATE CURRENT [*]	125 max.	125 max.	ma
MAX.-SIGNAL DC PLATE PLUS GRID-No.2 INPUT [*]	50 max.	50 max.	watts
PLATE DISSIPATION PLUS GRID-No.2 INPUT [*]	25 max.	30 max.	watts

^o With external shield JETEC No.312.

♦, •, ••, * : See next page.

← indicates a change.