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GMI-11



General

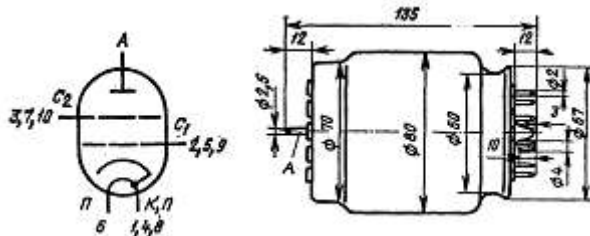
Pulse modulator tetrode.

Envelope: glass.

Cooling: air.

Mass 300 g.

Lead diagram



General characteristics

Filament voltage, Volt	26
Anode voltage, Volt	1500

1 st grid voltage, Volt	-600
2 nd grid voltage, Volt	1000
1 st grid pulse voltage, Volt	130
Pulse duration	5 mks
Pulse frequency	900 Hz
Filament (heater) current, A	1.75±0.15
Pulse anode current, A	no less than 14
1 st grid pulse current, A	no more than 2
2 nd grid pulse current, A	no more than 2.5
1 st grid cut-off voltage, volt	≤ -600
Inter electrode capacitance, pF:	55
input	
output	
transfer	≤1
Operation time, h	more than 300

Limited operating values

Cathode pulse current, A	20
Filament voltage, V	23.4 to 28.6
Anode voltage, V	10 000
1 st grid voltage, V	-700
2 nd grid voltage, V	1000
Anode dissipation, W	85
1 st grid dissipation, W	1.5
2 nd grid dissipation, W	8

[The tube data:](#)

Cathode: indirectly heated, oxide-coated.

Heater voltage: 26-28 Volts

Heater current: 1.75-2.00 Amps

Anode voltage: 1200-2000 Volts

2nd Grid voltage: 250-350 Volts

1st Grid cut-off voltage: -50 -70 Volts

1st Grid dissipation: 1.5 W

2nd Grid dissipation: 8 W

Capacitance Grounded Cathode connection:

Input: 55 pF

Output: 7.5 pF

Transfer: <1.0 pF

Length: 135mm (5,3 inch)

Diameter: 80mm (3,15 inch)

Weight: 0.3 kg (0,66 lbs)

