

">

## GMI-11



### General

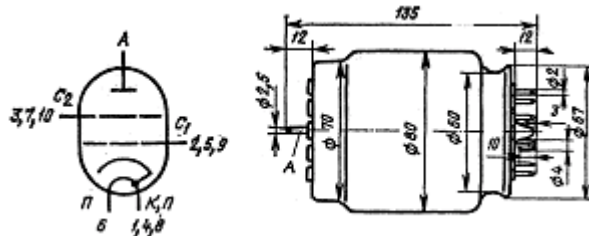
Pulse modulator tetrode.

Envelope: glass.

Cooling: air.

Mass 300 g.

### Lead diagram



### General characteristics

Filament voltage, Volt	26
Anode voltage, Volt	1500

1 <sup>st</sup> grid voltage, Volt	-600
2 <sup>nd</sup> grid voltage, Volt	1000
1 <sup>st</sup> 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 <sup>st</sup> grid pulse current, A	no more than 2
2 <sup>nd</sup> grid pulse current, A	no more than 2.5
1 <sup>st</sup> grid cut-off voltage, volt	≤ −600
Inter electrode capacitance, pF: input	55
output	7.5
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 <sup>st</sup> grid voltage, V	-700
2 <sup>nd</sup> grid voltage, V	1000
Anode dissipation, W	85
1 <sup>st</sup> grid dissipation, W	1.5
2 <sup>nd</sup> 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)

