

TRIODE

G-811

The G-811 triode is used as an oscillator in RF equipment

GENERAL

Cathode: directly heated, tungsten. Envelope: glass, with base. Height: at most 167 mm. Diameter: at most 62 mm. Mass: at most 100 g.

OPERATING ENVIRONMENTAL CONDITIONS

Ambient temperature, °C	-60 to +70
Relative humidity at up to +25 °C, %	98

BASIC DATA Electrical Parameters

Filament voltage, V	6.3
Filament current, A	3.75-4.25
Gain coefficient (at grid voltages 0 and -2V and anode current 20 mA)	144-176
Anode current (at anode voltage 2 kV and grid voltage -2 V), mA	16-36
Interelectrode capacitance, pF:	
input	4.5-6.5
output	0.4-0.8
transfer	4.8-6.2
Output power (at anode voltage 1.5 kV and anode current 150 mA), W, at least:	
at frequencies up to 15 MHz	135
at frequency 60 MHz	125

Limit Operating Values

Filament voltage, V	6-6.6
Anode voltage, kV	1.25
Grid voltage, V	0
Anode current, mA	125
Grid current (DC component), mA	50
Anode dissipation, W	40

