

TB4/1250 – radiation-cooled power glass envelope triode with anode dissipation power 450 W

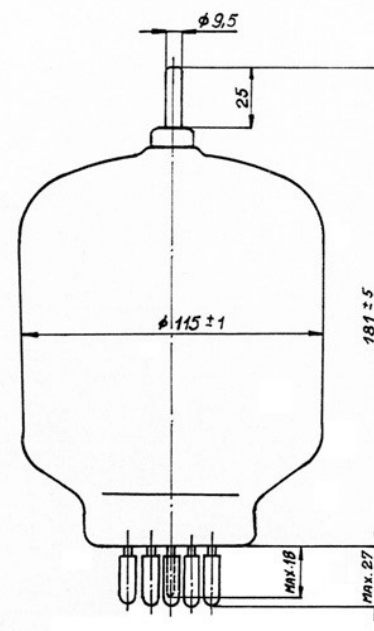
Electrical characteristics:

Filament Voltage	10	V
Filament Current	10	A
Amplification Factor	28	
Interelectrode capacitances		
C _{ga}	7	pF
C _{gc}	8	pF
C _{ca}	0.17	pF

Typical operation (R.F. class C osc.):

	1	2
DC Plate Voltage	3.6 kV	3 kV
DC Plate Current	0.45 A	0.4 A
DC Grid Current	100 mA	85 mA
Plate Input Power	2 kW	1.48 kW
Output Power	1.5 kW	1.04 kW
Plate Dissipation	0.45 kW	0.4 kW
Grid Resistance	3 kΩ	3 kΩ

Maximum Weight	0.41	kg
Maximum Length	181	mm
Maximum Diameter	115	mm
Operating position	vertical	
Temperature at any point on tube envelope	max 170	°C
Cooling	radiation	
Ambient temperature	25	°C



Maximum ratings:

DC Plate Voltage	3.6	kV
DC Plate Current	475	mA
Grid Dissipation	50	W
Plate Dissipation	450	W
Frequency	100	MHz

* Tube can be marked as 5868