

TB3/750 (RD300S) – radiation-cooled power glass envelope triode with anode dissipation power 350 W

Electrical characteristics:

Filament Voltage	5	V
Filament Current	15	A
Amplification Factor	21	
Interelectrode capacitances		
C _{ga}	5.8	pF
C _{gc}	7	pF
C _{ca}	0.2	pF

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

	1	2
Frequency	100 MHz	100 MHz
DC Plate Voltage	4 kV	3 kV
DC Plate Current	0.76 A	0.73 A
DC Grid Current	160 mA	138 mA
Plate Input Power	3.04 kW	2.18 kW
Plate Output Power	2.32 kW	1.63 kW
Plate Dissipation	0.64 kW	0.5 kW
Grid Resistance	2.2 kΩ	1.8 kΩ

Maximum Weight	0.24	kg
Maximum Length	157	mm
Maximum Diameter	90	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	4	kV
DC Plate Current	450	mA
Grid Dissipation	30	W
Plate Dissipation	350	W
Frequency	200	MHz

* Tube can be marked as RD300S / T380-1 / 5867A

