Mullard

R. F. TRIODE

TX10-4000

GENERAL

The TX10-4000 is a power triode in silica envelope, and rated for a maximum anode dissipation of 4KW. It is primarily intended for use as a self-excited oscillator in R.F. heating equipment, but it may also be used for communications purposes.

FILAMENT

Pure tungsten suitable for A.C. or D.C. heating.

Marked	V_f	23.3 ± 1.0	V
	I_f	47.0	A approx.

(Marked volts give 6.0 amps emission at 90% saturation)

CAPACITANCES

c_{g-f}	13.5	μμF
c_{a-f}	4.0	μμF
c_{a-g}	21.0	μμF

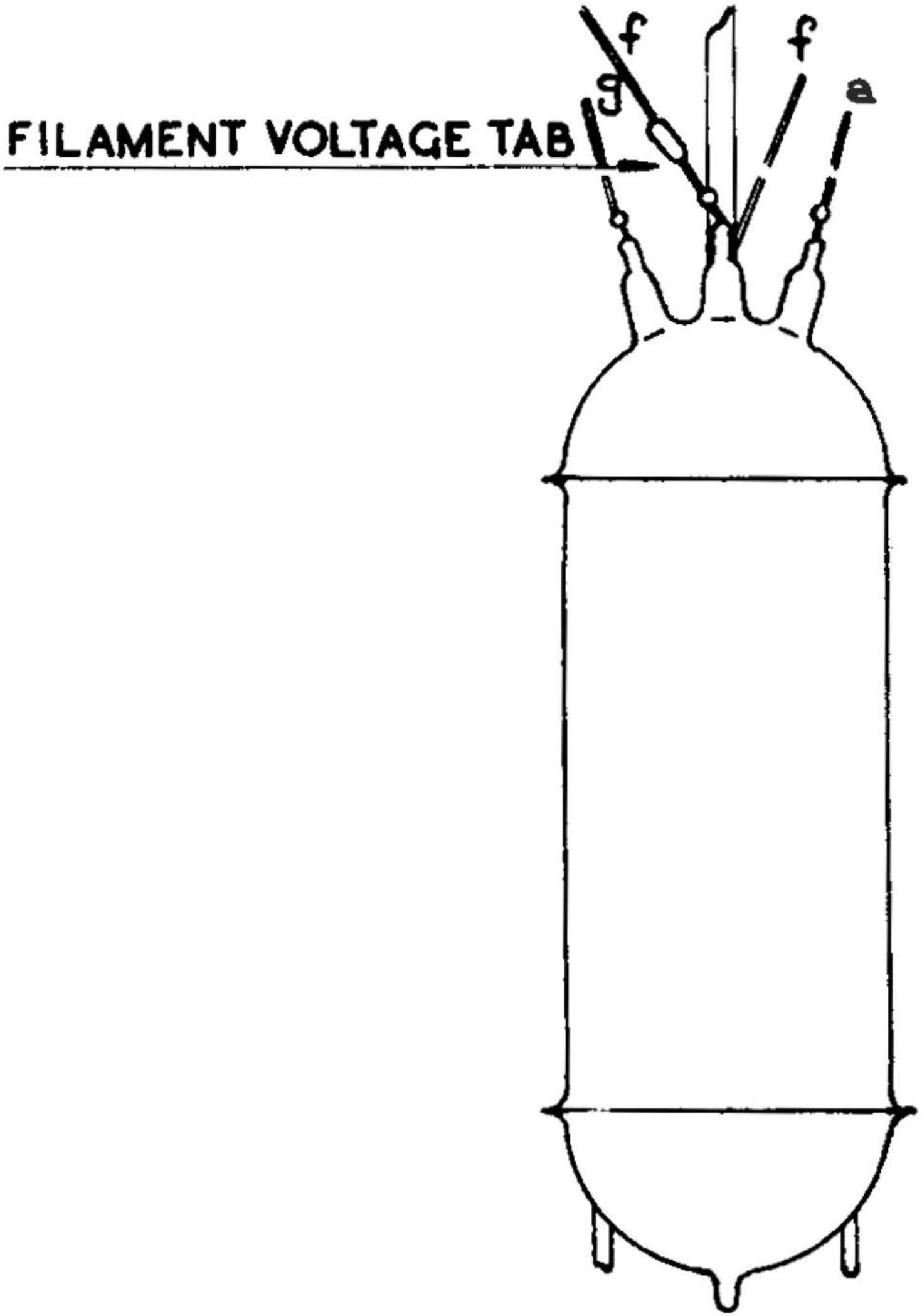
CHARACTERISTICS (AT Va = 10 KV; Ia = 0.32 A)

S_m	4.5	mA/V
μ	55	
r_a	12,000	Ω

LIMITING VALUES

V_a max. (at 7 Mc/s)	12 *	KV
V_a max. (at 10 Mc/s)	10 *	KV
V_a max. (at 20 Mc/s)	7 *	KV
p_a max.	4.0	KW
I_k max.	1.6	A
I_g max.	350	mA
V_g max.	-700	V
R_g max.	3000	Ω
f max.	20	Mc/s

* Figure quoted does not include ripple and H.T. regulation which should not exceed 25%


FILAMENT VOLTAGE TAB
f
f
g
a