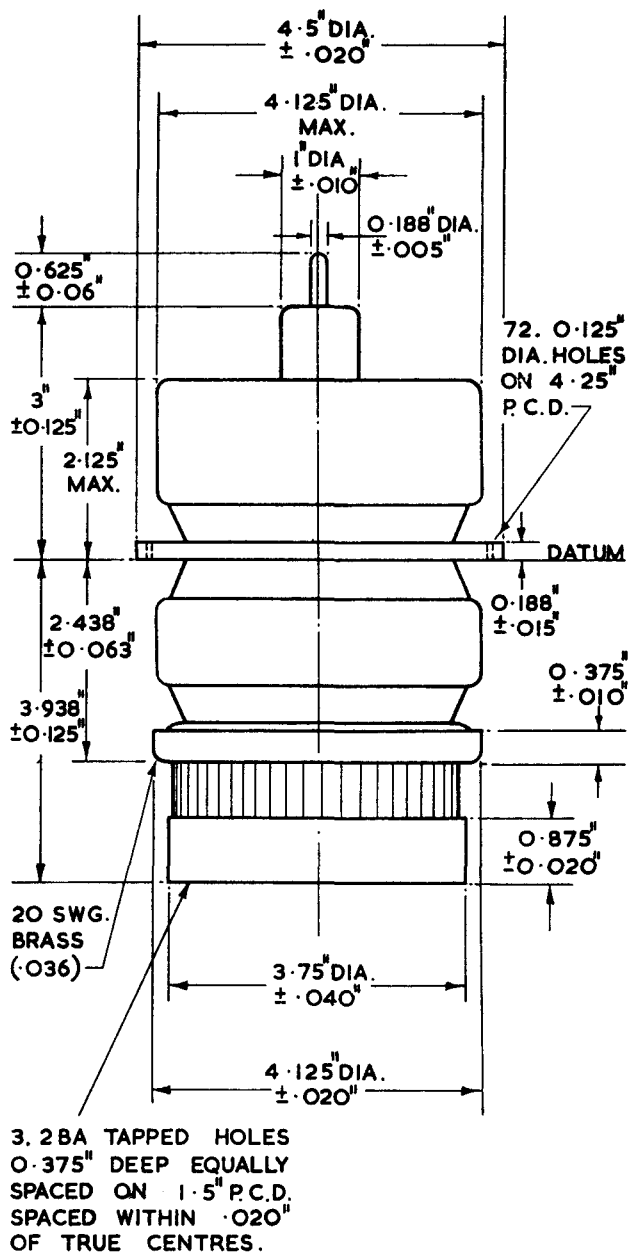


UHF DISC SEAL PULSED OSCILLATOR



Dimensions of Circuit Elements. The following information about suitable co-axial cavities is given as a guide to designers.

Inside diameter of anode line	4.75	in.
Outside diameter of grid line	4	in.
Characteristic impedance	10.5	Ω
Frequency	200 400 400 600	Mc/s.
Line length	34 14 46 37.5	cm.
Mode	$\lambda/4$ $\lambda/4$ $3\lambda/4$ $3\lambda/4$	

APPROXIMATE DATA

Heater		
V_h	16	V
I_h approx.	7.3	A

Characteristics

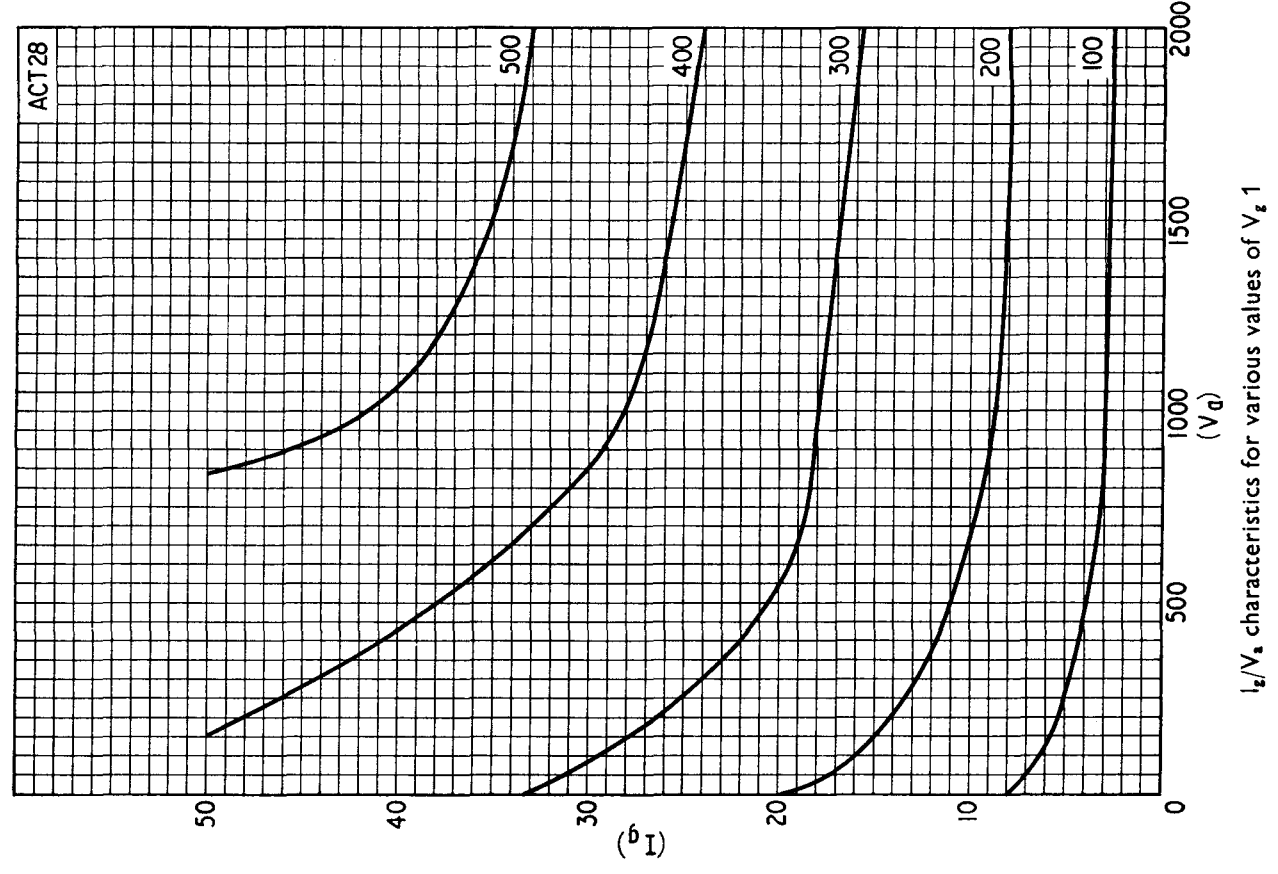
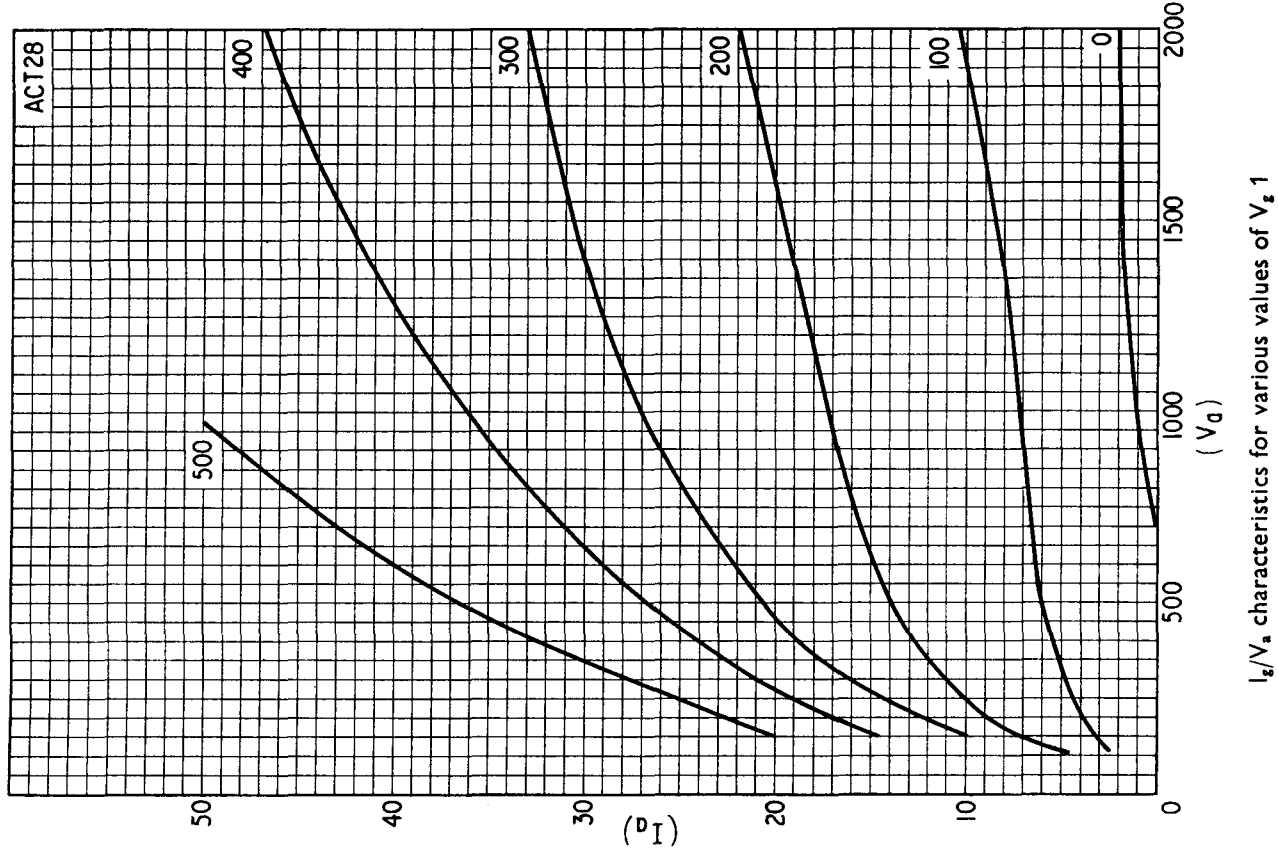
V_a	1.5	kV
I_a	0.8	A
g_m	50	mA/V
μ	45	

Maximum Ratings

V_a (pulse) (max.)	11	kV
P_a (max.)	1.5	kW
I_a (av) (during pulse) (max.)	50	A
t pulse (max.)	5	μs

Capacitances

C_{a-g}	28	pF
C_{g-k}	30	pF
C_{a-k}	0.5	pF





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