

Ceramic Tube F5008A

F5008A

TRIODE THYRATRON IN CERAMIC BULB

The thyatron F 5008A is designed for operation at high ambient temperatures or at low atmospheric pressure.

Its reinforced internal structure ensures high mechanical strength (vibration, bumps).

GENERAL CHARACTERISTICS

TENTATIVE DATA

- Cathode : oxide
- Filaments :

- . cathode : 6.3 V) 70 Watts
- . reservoir : 6.3 V) approx.

	High ambient temperature	Ambient tempe- rature = 20° C
Direct peak anode volts(kV)	16	20
Inverse peak anode volts(kV)	16	20
Peak anode current(A)	150	500
Mean anode current(mA)	450	500
Power factor($V_{cr} \times I_{cr} \times r$)	7.2×10^9	10×10^9
Grid pulse voltage(V)	200(appr.)	200(appr.)
Grid impedance(Ω)	500(appr.)	500(appr.)
Grid pulse duration(μs)	2(appr.)	2(appr.)
Grid pulse rise time(μs)	0.5(appr.)	0.5(appr.)
Pulse repetition frequency	(26 % to 70 %) up to about 2500 c/s without bias, up to 50 000 c/s with bias.	



DIVISION TUBES ÉLECTRONIQUES
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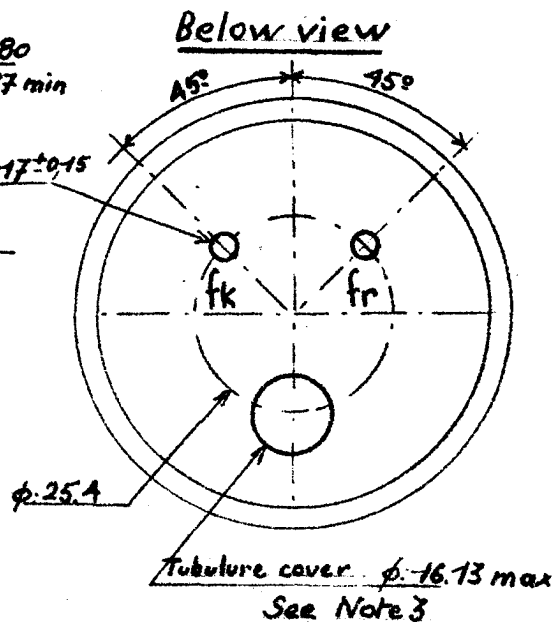
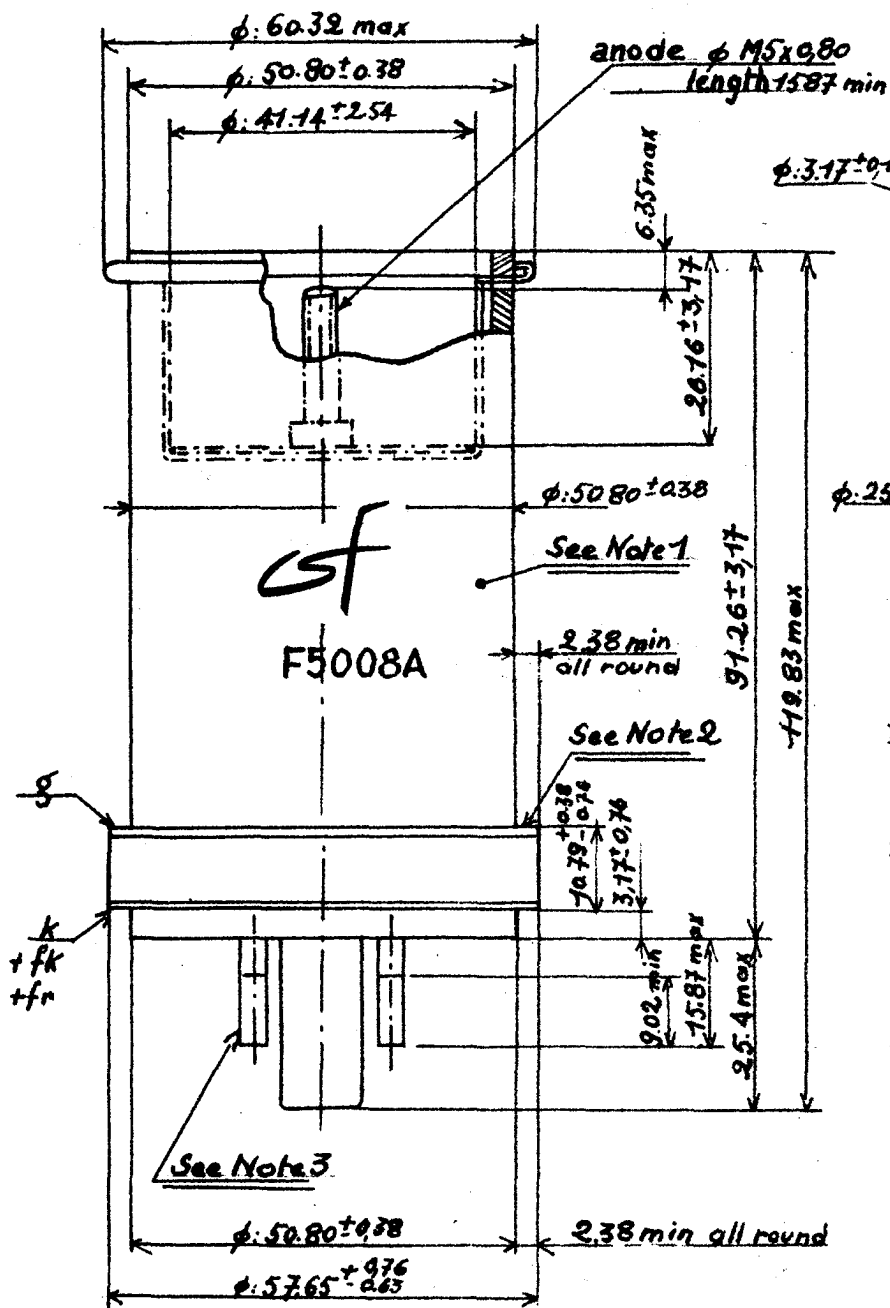
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CSF COMPAGNIE GÉNÉRALE DE TÉLÉGRAPHIE SANS FIL

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OUTLINE



NOTES :

- 1- Avoid all metal contact with the ceramic bulb.
- 2- Radius of brazing : 1 mm max. the brazing film may be extend to the surfaces beyond the brazing filet.
- 3- The tubulure cover is not use as a conductor
- 4- Contact to be made on the terminal part only, below the brazing; no pressure to be applied on this brazing or above it.
- 5- Dimensions without tolerance given for information only.

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