

# 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 temperature = 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(Vcr x Icr x r)  | 7.2 x 10 <sup>9</sup>   | 10 x 10 <sup>9</sup>        |
| 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.)                  |
|                              | ( 26 % to 70 % )  | ( 26 % to 70 % )            |
| Pulse repetition frequency   | up to about 2500 c/s without bias,<br>up to 50 000 c/s with bias. |                             |



DIVISION TUBES ÉLECTRONIQUES  
79, boulevard Haussmann - Paris 8<sup>e</sup> - ANJ 84-60

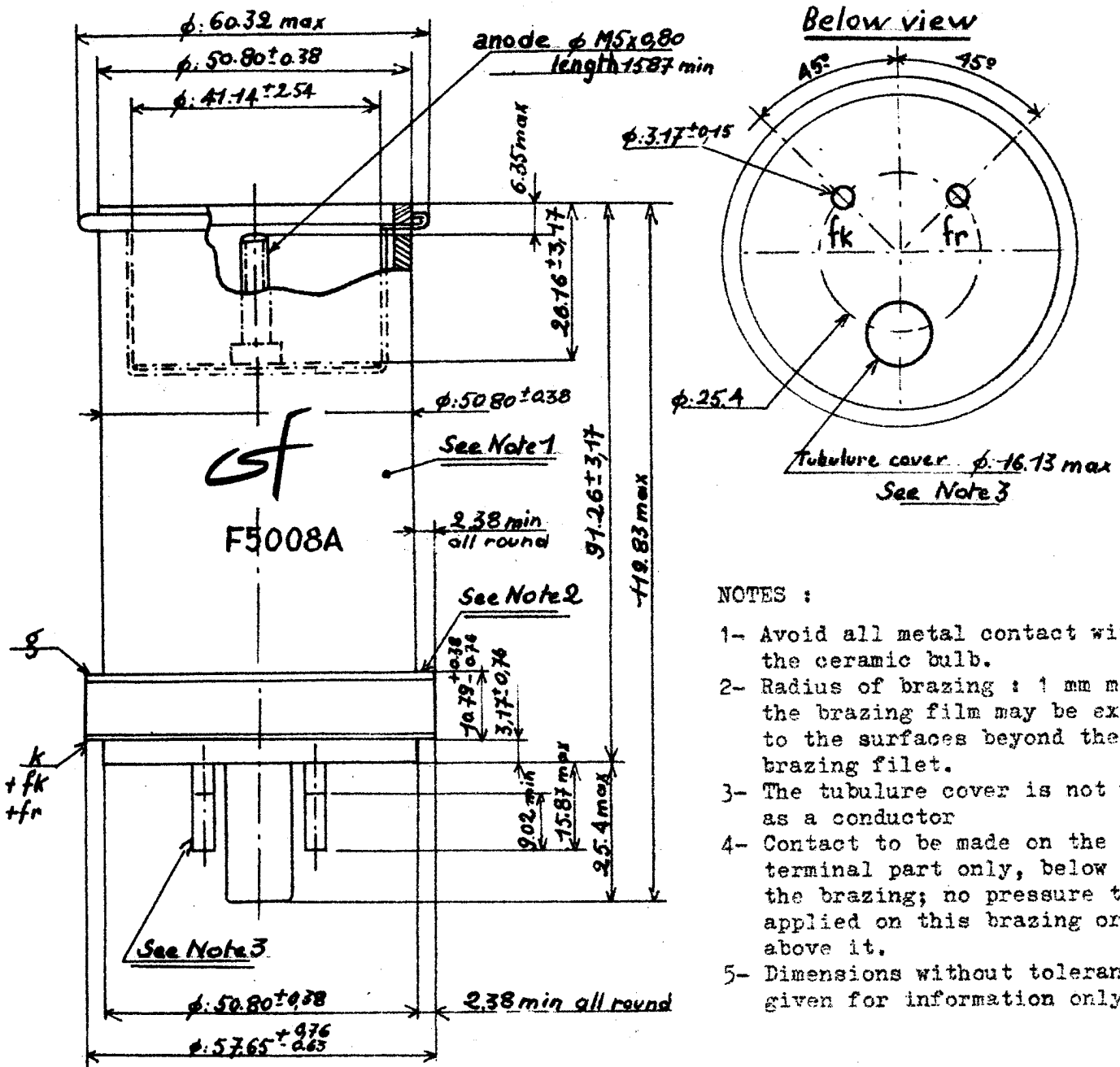
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Siège Social: 79, Bd HAUSSMANN, PARIS-8<sup>e</sup>

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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