

Low-Mu Triode

FORCED-AIR COOLED

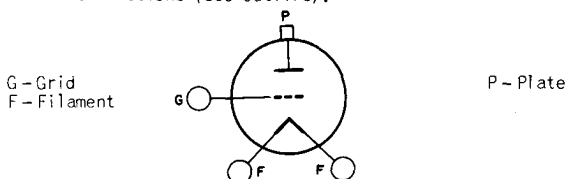
GENERAL DATA

Electrical:

	Min.	Av.	Max.	
Filament, Thoriated Tungsten:				
Voltage (AC or DC)	—	7.5 $\pm$ 5%	—	volts
Current at 7.5 volts	49	—	54	amp
Amplification Factor	4.4	—	5.6	
Transconductance, for plate volts = 3000, and plate amp = 1	—	11000	—	μ mhos
Direct Interelectrode Capac- itances (Approx.):				
Grid to plate	—	17	—	pf
Grid to filament	—	30	—	pf
Plate to filament	—	2.6	—	pf

Mechanical:

Operating Position	Vertical, base up or down
Maximum Rigid Length	10.53"
Maximum Diameter	4.156"
Weight (Approx.)	7.5 lbs
Terminal Connections (See Outline):	

**Thermal:**

Seal Temperatures	150 max.	$^{\circ}$ C
Plate Core Temperature	150 max.	$^{\circ}$ C
Air Flow	160 min.	cfm
Static Pressure	3.6 in.	of water

AF POWER AMPLIFIER & MODULATOR — Class AB₁^a**Maximum CCS^b Ratings, Absolute-Maximum Values:**

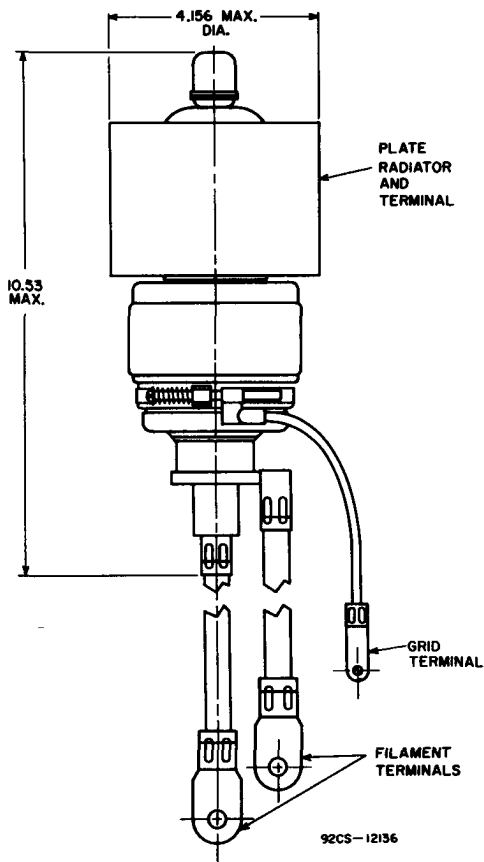
DC Plate Voltage	6000 max.	volts
DC Plate Current	2.5 max.	amp
Grid Input	50 max.	watts
Plate Dissipation	3000 max.	watts

^a Subscript 1 indicates that grid current does not flow during any part of the input cycle.

^b Continuous Commercial Service.



8239/3X3000F1



DIMENSIONS IN INCHES