

Low-Mu Triode

FORCED-AIR COOLED

GENERAL DATA

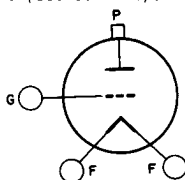
Electrical:

	Min.	Av.	Max.	
Filament, Thoriated Tungsten:				
Voltage (AC or DC)	-	7.5 ± 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	-	μmhos
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):	

G - Grid
F - Filament



P - Plate

Thermal:

Seal Temperatures	150 max.	°C
Plate Core Temperature	150 max.	°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

