

DETECTOR, AMPLIFIER

Filament	Thoriated Tungsten		
Voltage	5.0		d-c volts
Current	0.25		amp.
Direct Interelectrode Capacitances:			
Grid to Plate	8.1		μpf
Grid to Filament	3.1		μpf
Plate to Filament	2.2		μpf
Maximum Overall Length			4-11/16"
Maximum Diameter			1-13/16"
Bulb			ST-14
Base	(2) (3)		Medium 4-Pin Bayonet
Pin 1-Filament+	(1) (4)	Pin 3-Grid	
Pin 2-Plate		Pin 4-Filament-	

BOTTOM VIEW

AMPLIFIER (Class A)

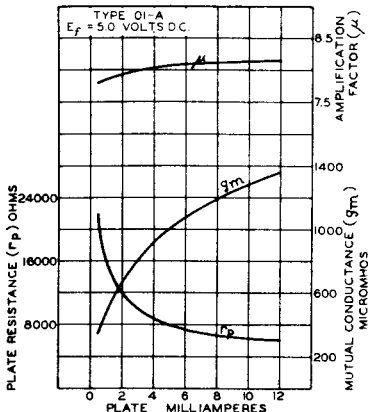
Operating Conditions and Characteristics:

Filament	5.0	5.0	d-c volts
Plate	90	135 max.	volts
Grid	-4.5	-9	volts
Amp. Fact.	8	8	
Plate Res.	11000	10000	ohms
Mut. Cond.	725	800	μmhos
Plate Cur.	2.5	3	ma.

DETECTOR

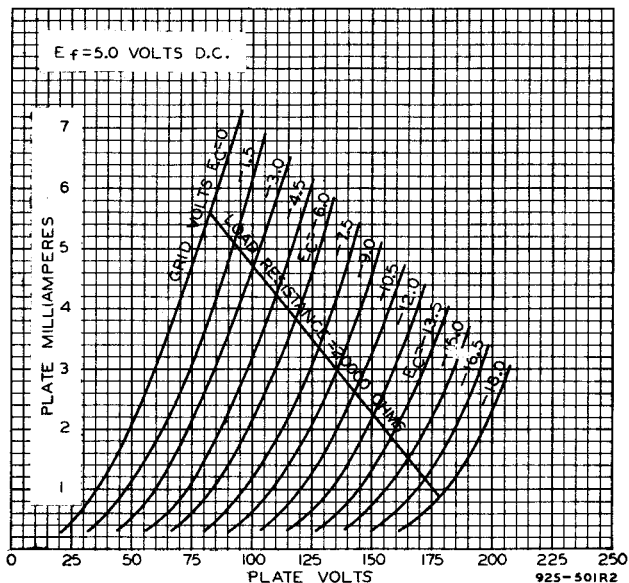
Typical Operation:	Biased	Grid-Leak	
Filament	5.0	5.0	d-c volts
Plate	90	135 max.	volts
Grid (approx.)	-7.5	-13.5	volts
Plate Cur.	Adjusted to 0.2 ma. with no input signal.		Return to (+)Fil. volts
Grid Leak		0.25" to "5	megohms
Grid Condenser	-	0.00025	μf

AVERAGE CHARACTERISTICS



01-A

AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS

