

TENTATIVE CHARACTERISTICS

Tube Type 1D4  
Power Amplifier Pentode

Filament Voltage 2.0 volts  
Current .240 amps.

Direct Interelectrode Capacities:

$C_{g1P}$  1.0  $\mu$ mf  
 $C_{g1P}$  (k + g2) 8.0  $\mu$ mf  
 $C_p$  (k + g2) 11.0  $\mu$ mf

Max. Overall length 4 and 11/16"  
Max. Diameter 1 and 13/16"

Sulb STL4  
Base Medium 5-pin  
Pin 1 Filament + Pin 4 Screen  
Pin 2 Plate Pin 5 Filament -  
Pin 3 Grid

CLASS A POWER AMPLIFIER

Operating Conditions and Characteristics:

Filament	2.0	2.0	volts
Plate	135	180	volts
Screen	135	180	volts
Grid	-4.5	-6	volts
Amp. Factor	330	330	
Plate Resistance	150,000	137,000	ohms
Mutual Cond.	2,150	2,400	micro
Plate Current	6.0	9.5	ma
Screen Current	1.5	2.3	ma
Load Resistance	15,000	15,000	ohms
Power Output	350	750	ma
Total Distortion	12 percent	10	percent

A 0.5 megohm grid leak is recommended.