

## SUPER-CONTROL R-F AMPLIFIER PENTODE

|                                     |         |                          |
|-------------------------------------|---------|--------------------------|
| Filament                            | Coated  |                          |
| Voltage                             | 2.0     | d-c volts                |
| Current                             | 0.060   | amp.                     |
| Direct Interelectrode Capacitances: |         |                          |
| Grid to Plate (with shield-can)     |         | 0.007 max. $\mu\text{f}$ |
| Input                               |         | 5 $\mu\text{f}$          |
| Output                              |         | 11 $\mu\text{f}$         |
| Overall Length                      |         | 4-9/32" to 4-17/32"      |
| Maximum Diameter                    |         | 1-9/16"                  |
| Bulb                                |         | ST-12                    |
| Cap                                 |         | Small Metal              |
| Base                                | (2) (3) | Small 4-Pin              |
| Pin 1-Filament +                    |         | Pin 4-Filament -         |
| Pin 2-Plate                         | (1) (4) | Cap -Grid                |
| Pin 3-Screen                        |         |                          |

BOTTOM VIEW

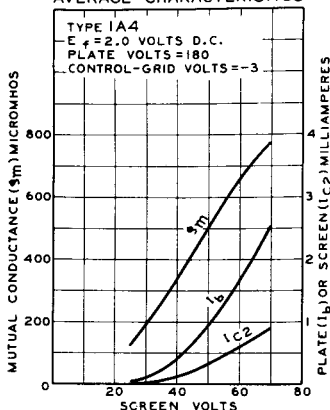
### AMPLIFIER - Class A

#### Operating Conditions and Characteristics:

|              |      |           |                  |
|--------------|------|-----------|------------------|
| Filament     | 2.0  | 2.0       | d-c volts        |
| Plate        | 90   | 180 max.  | volts            |
| Screen       | 67.5 | 67.5 max. | volts            |
| Grid         | -3   | -3        | min.volts        |
| Amp. Fact.   | 425  | 750       |                  |
| Plate Res.   | 0.6  | 1.0       | approx.megohm    |
| Mut. Cond.   | 720  | 750       | $\mu\text{mhos}$ |
| Mut. Cond. * | 15   | 15        | $\mu\text{mhos}$ |
| Plate Cur.   | 2.2  | 2.3       | ma.              |
| Screen Cur.  | 0.9  | 0.8       | ma.              |

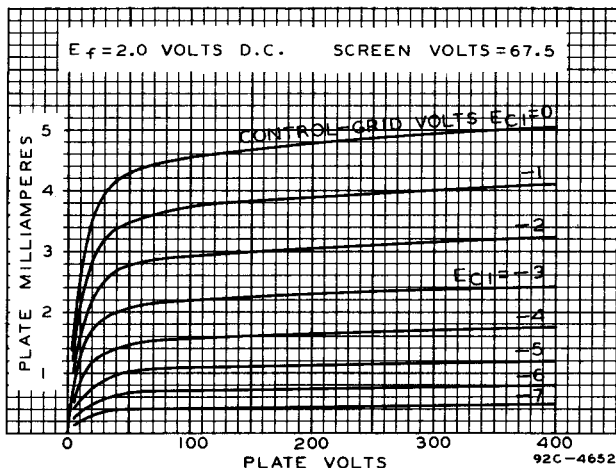
\* At -15 volts bias.

#### AVERAGE CHARACTERISTICS



92C-4655

# AVERAGE PLATE CHARACTERISTICS



# AVERAGE CHARACTERISTICS

