

*Excellence in Electronics***TYPE
CK5672**

The CK5672 is a filament type pentode of subminiature construction designed for use as a power amplifier in wearable and portable equipment. The flexible terminal leads may be soldered or welded directly to the terminals of circuit components without the use of sockets. Standard inline sub-miniature sockets may be used by cutting the leads to a suitable length.

MECHANICAL DATAENVELOPE: T-2X3 GlassBASE: None (0.016" tinned flexible leads. Length: 1.5" min.
Spacing: 0.048" center-to-center)TERMINAL CONNECTIONS:

Lead 1 Plate	Lead 4 Grid #1
Lead 2 Grid #2	Lead 5 Filament, negative:
Lead 3 Filament, positive	Grid #3

MOUNTING POSITION: Any**ELECTRICAL DATA**DIRECT INTERELECTRODE CAPACITANCES: (μfds) Δ

Grid #1 to Plate
Input
Output

0.14
2.8
3.5

RATINGS - ABSOLUTE MAXIMUM VALUES:

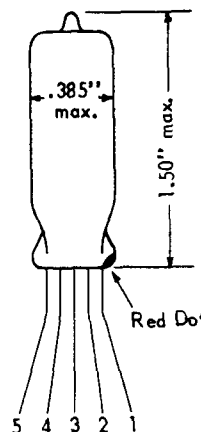
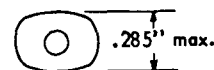
Filament Voltage (dc)
Plate Voltage
Grid #2 Voltage
Total Cathode Current

1.25 $\pm$ 20% volts
100 volts
100 volts
5.5 ma.

CHARACTERISTICS AND TYPICAL OPERATION:

Filament Voltage (dc)
Filament Current
Plate Voltage
Grid #2 Voltage
Grid #1 Voltage
Plate Current
Grid #2 Current
Transconductance
Plate Resistance
Load Resistance
Distortion (approx.)
Power Output
Peak AF Signal Voltage

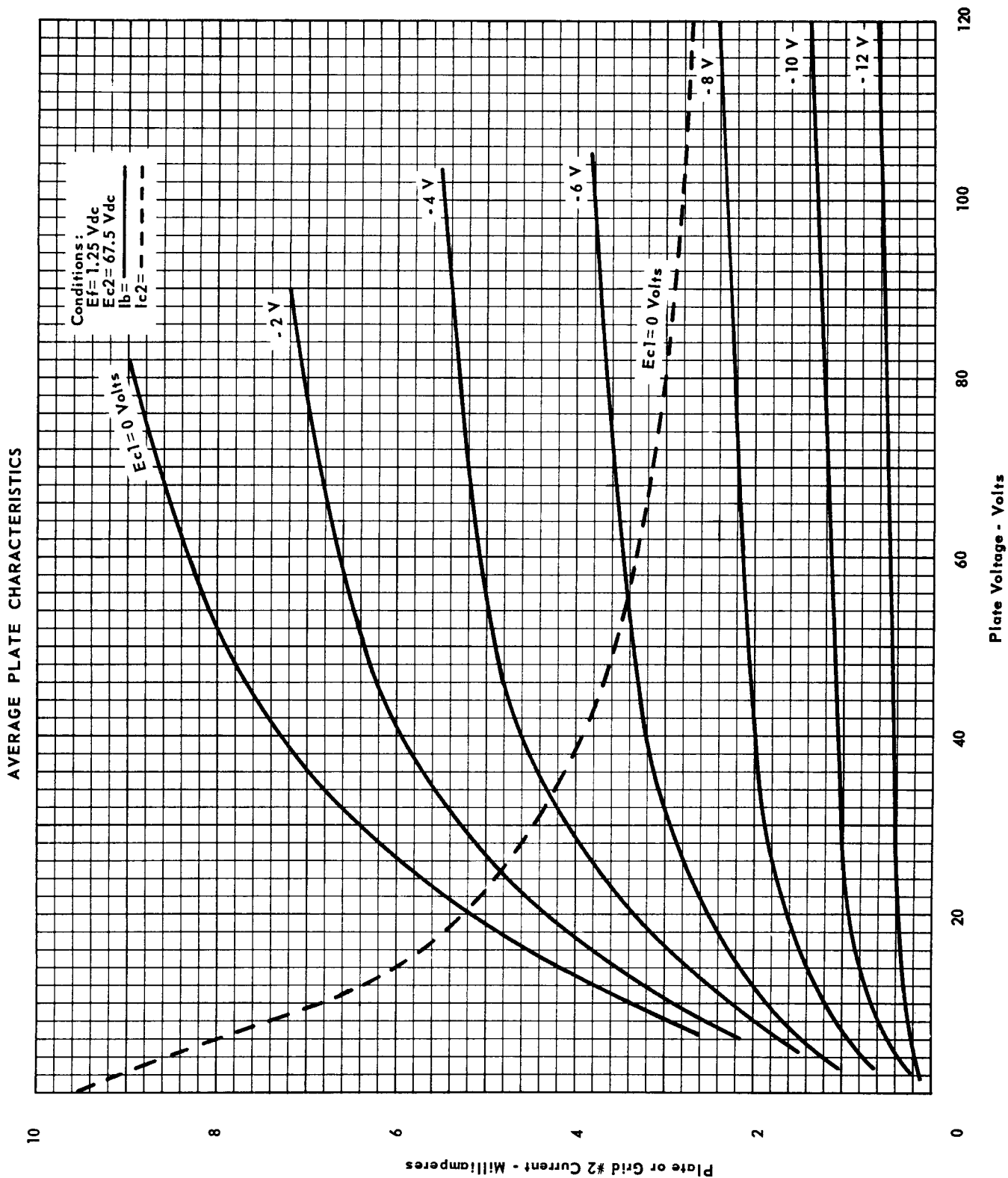
1.25 volts
50 ma.
67.5 volts
67.5 volts
- 6.5 volts
3.25 ma.
0.95 ma.
650 μmhos
125 kilohms
20 kilohms
10 percent
65 mw.
6.5 volts

 Δ Without shield.

Tentative Data



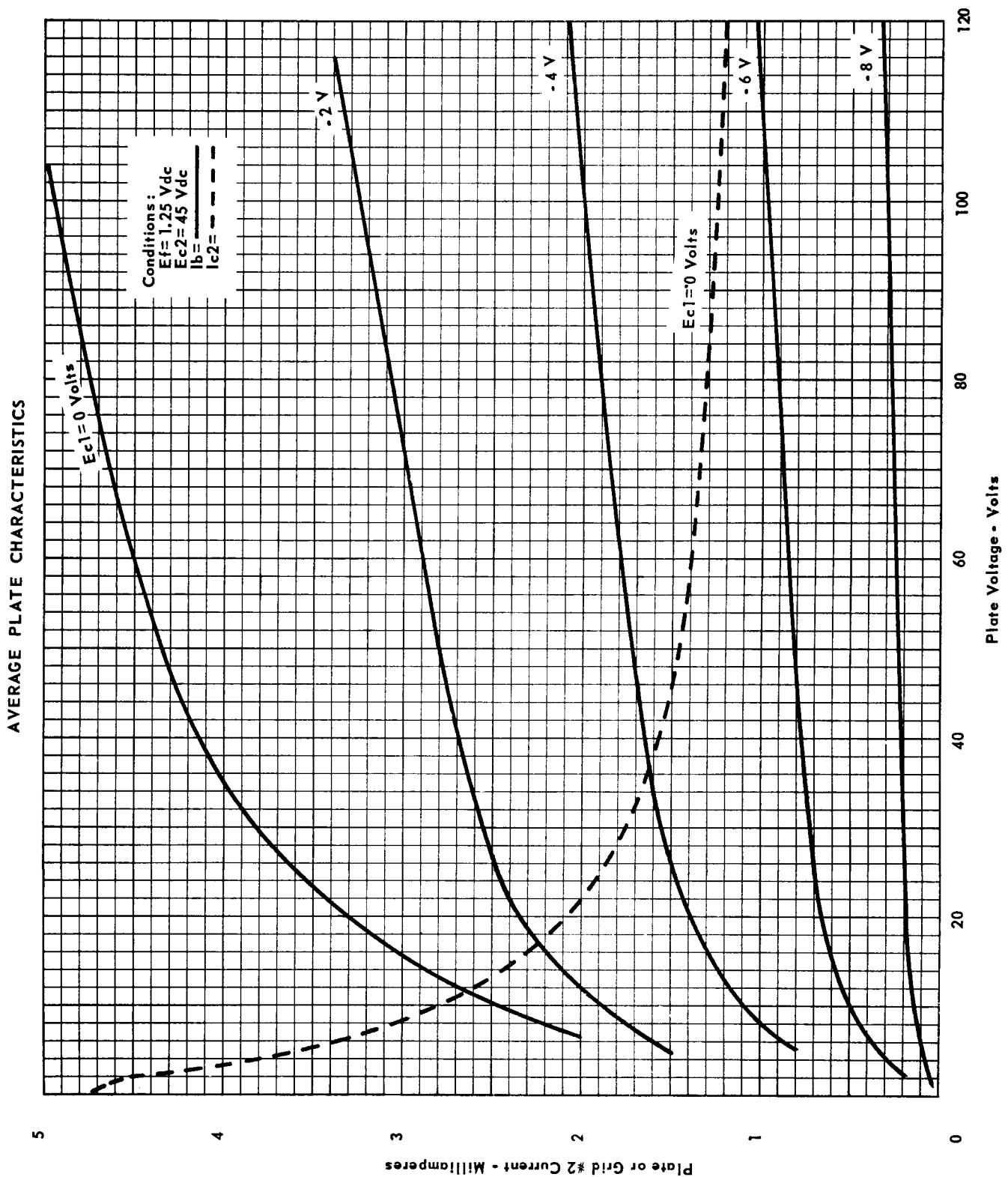
SUBMINIATURE PENTODE



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RECEIVING AND CATHODE RAY TUBE OPERATIONS



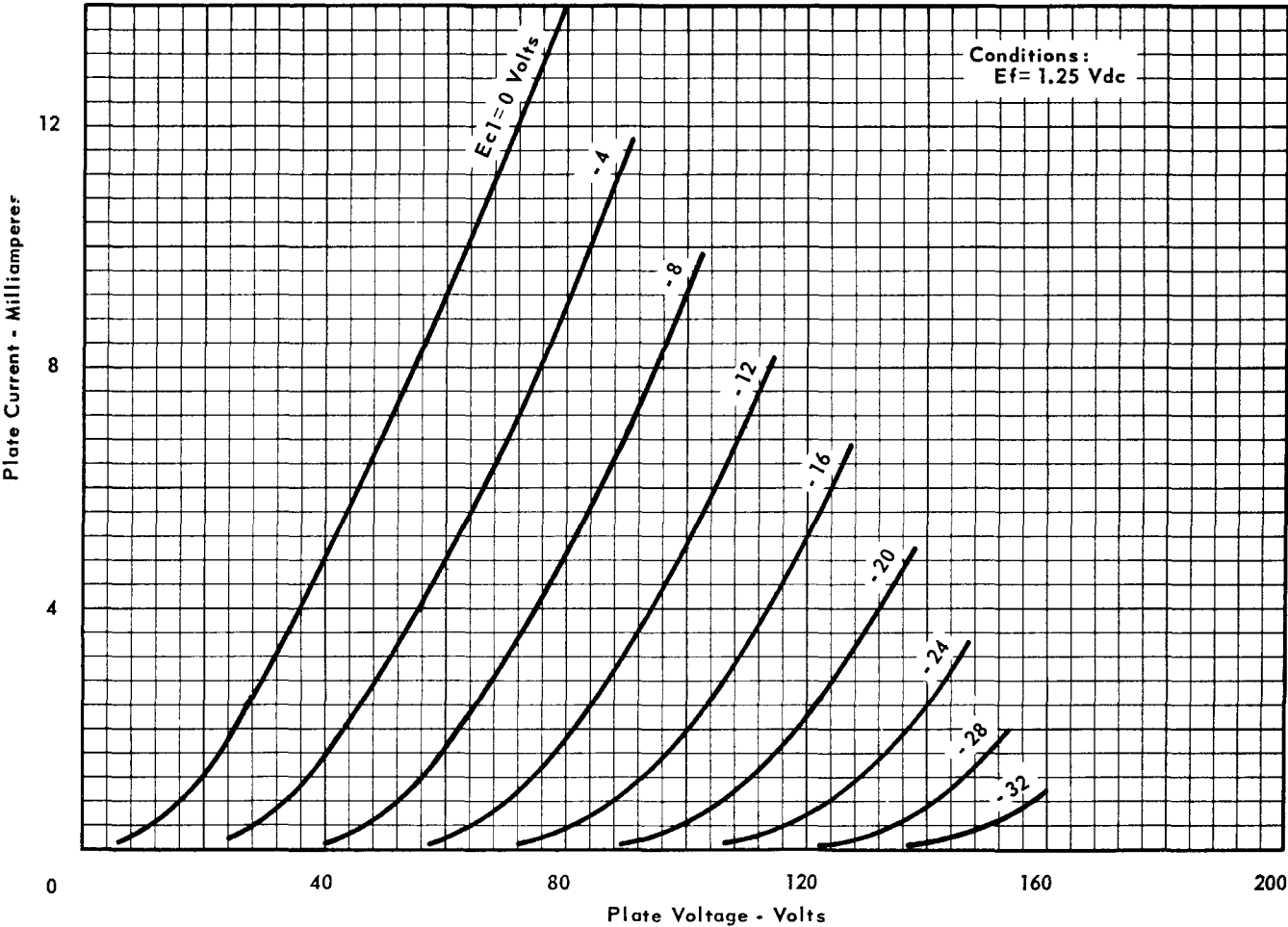
SUBMINIATURE PENTODE





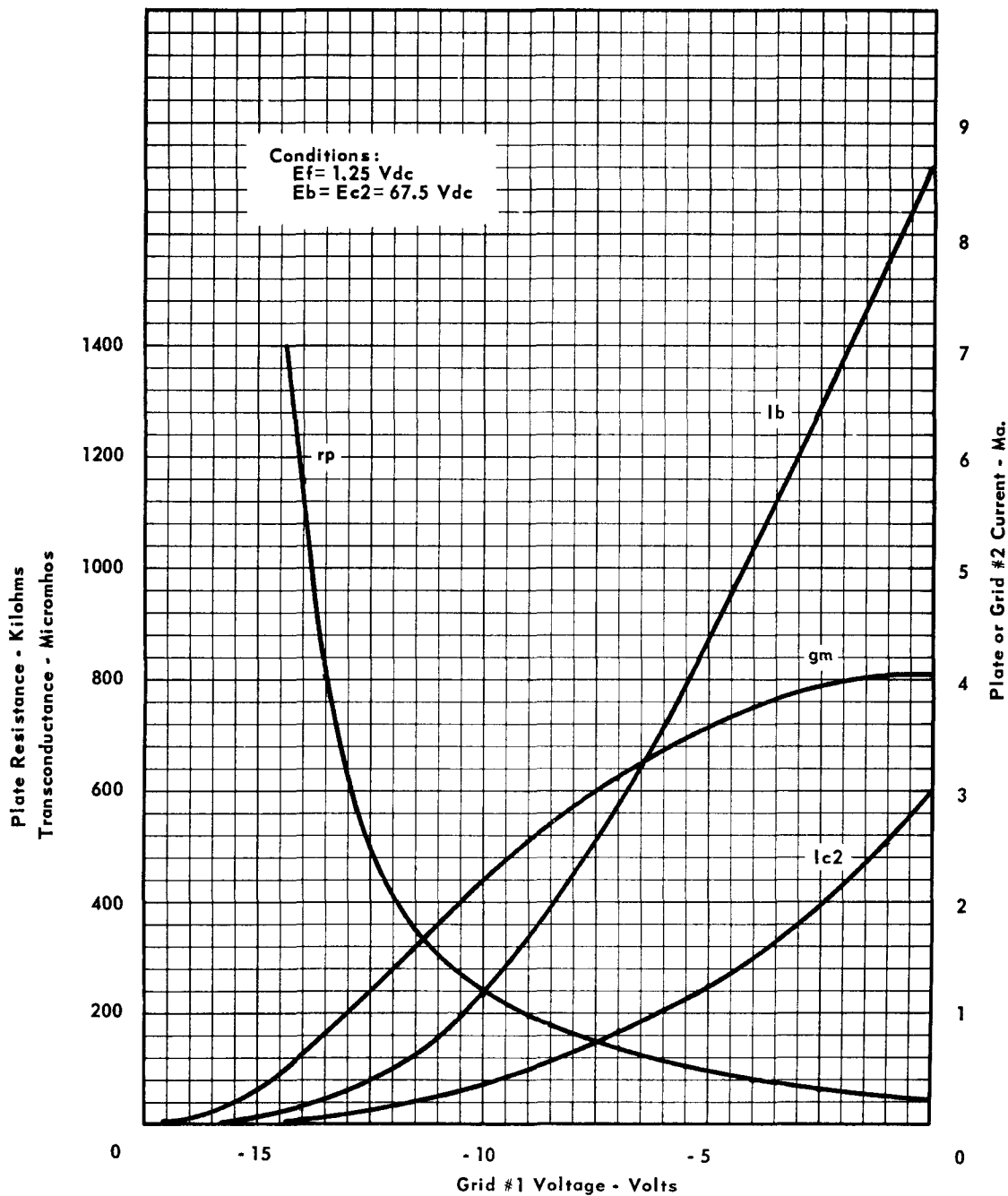
SUBMINIATURE PENTODE

AVERAGE PLATE CHARACTERISTICS
(Triode Connected)



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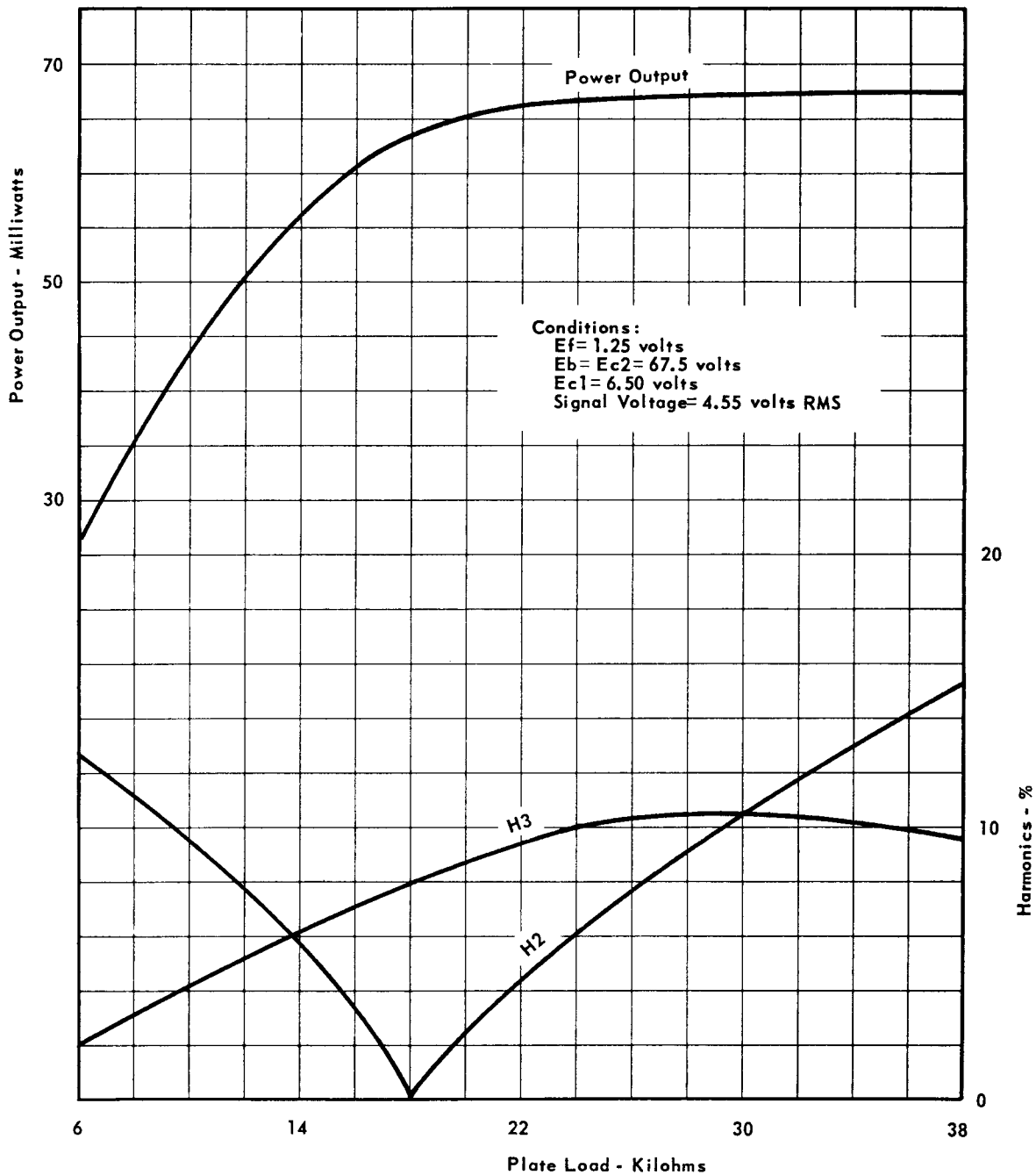
SUBMINIATURE PENTODE

AVERAGE CHARACTERISTICS
(Pentode Connected)




SUBMINIATURE PENTODE

POWER OUTPUT CHARACTERISTICS



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