



Excellence in Electronics

**TYPE
CK6088**

The CK6088 is a subminiature power amplifier pentode of low filament current designed for use in portable and wearable equipment. The flexible terminal leads may be soldered or welded directly to the terminals of circuit components without the use of sockets. Standard inline subminiature sockets may be used by cutting the leads to a suitable length.

MECHANICAL DATA

ENVELOPE: T-2X3 Glass

BASE: None (0.016" tinned flexible leads. Length: 1.5" min.
Spacing: 0.048" center-to-center)

TERMINAL CONNECTIONS: (Red Dot is adjacent to lead 1)

- | | |
|---------------------------|---------------------------|
| Lead 1 Plate | Lead 4 Control Grid |
| Lead 2 Screen Grid | Lead 5 Filament, Positive |
| Lead 3 Filament, Negative | One Deflector |
| One Deflector | |

MOUNTING POSITION: Any

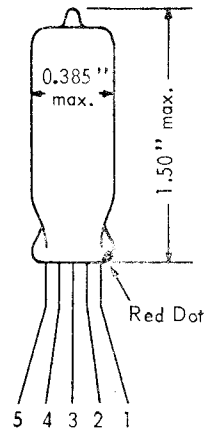
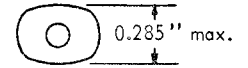
ELECTRICAL DATA

RATINGS - ABSOLUTE MAXIMUM VALUES:

Filament Voltage	1.25 ± 20% volts
Plate Voltage	67.5 volts
Screen Grid Voltage	67.5 volts
Cathode Current	1.5 ma.

CHARACTERISTICS AND TYPICAL OPERATION:

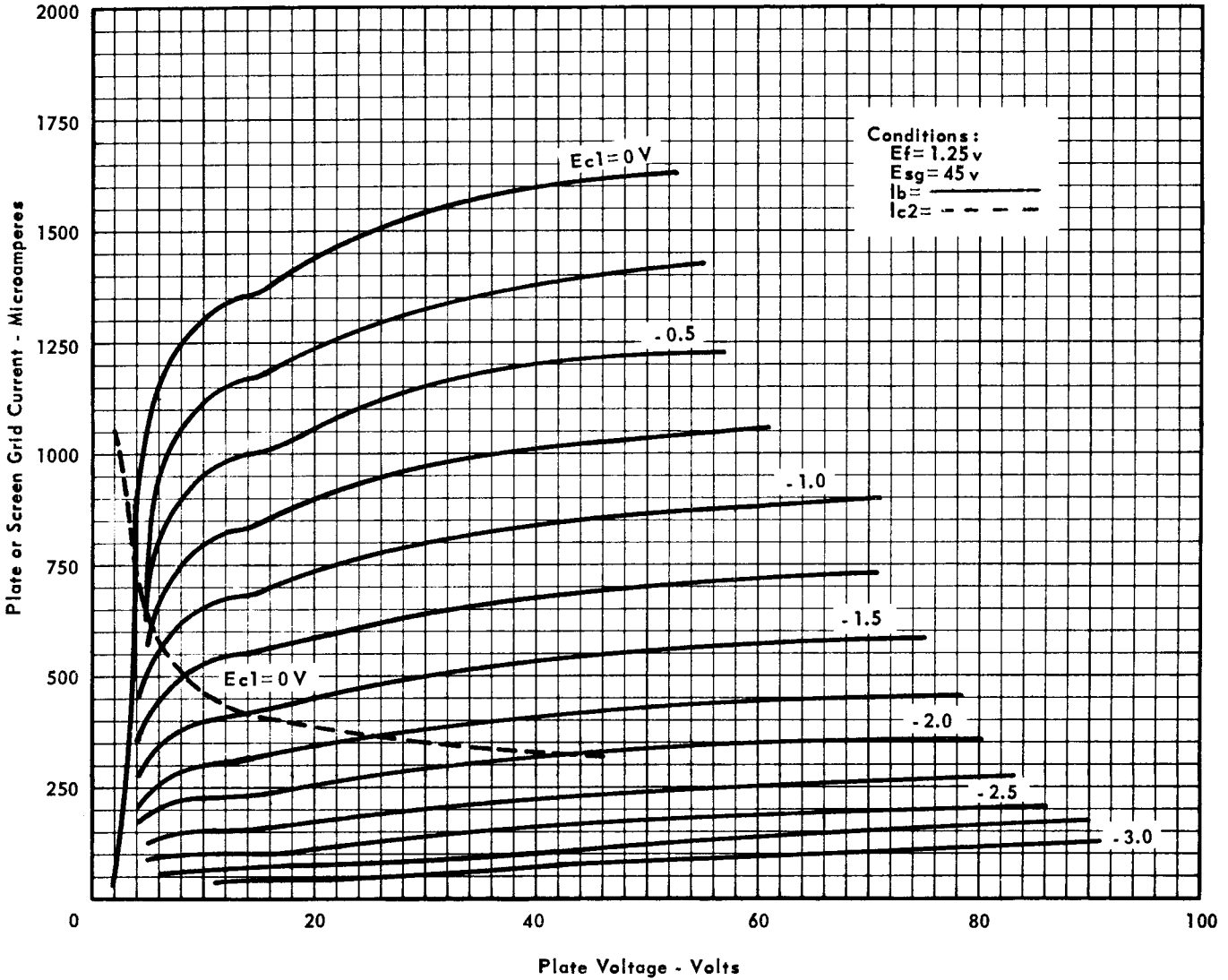
Filament Voltage	1.25 volts
Filament Current	20 ma.
Plate Voltage	45 volts
Screen Grid Voltage	45 volts
Control Grid Voltage	-1.25 volts
Zero-Signal Plate Current	650 μa.
Zero-Signal Screen Grid Current	150 μa.
Transconductance	625 μmhos
Plate Resistance (approx.)	0.7 meg.
Load Resistance	0.08 meg.
Power Output	10.5 mw.
Distortion (approx.)	10 percent





SUBMINIATURE PENTODE

AVERAGE PLATE CHARACTERISTICS



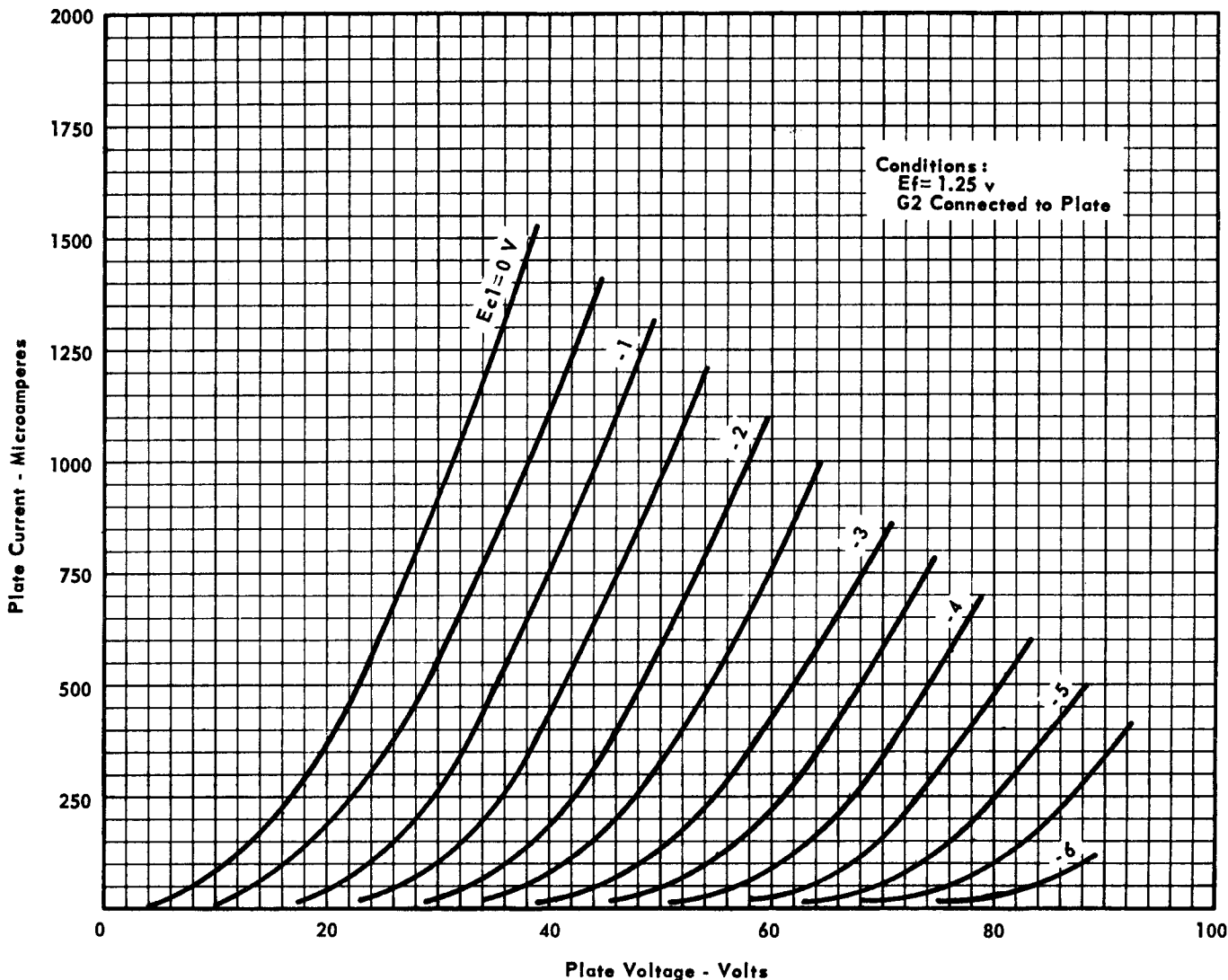
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RECEIVING AND CATHODE RAY TUBE OPERATIONS



SUBMINIATURE PENTODE

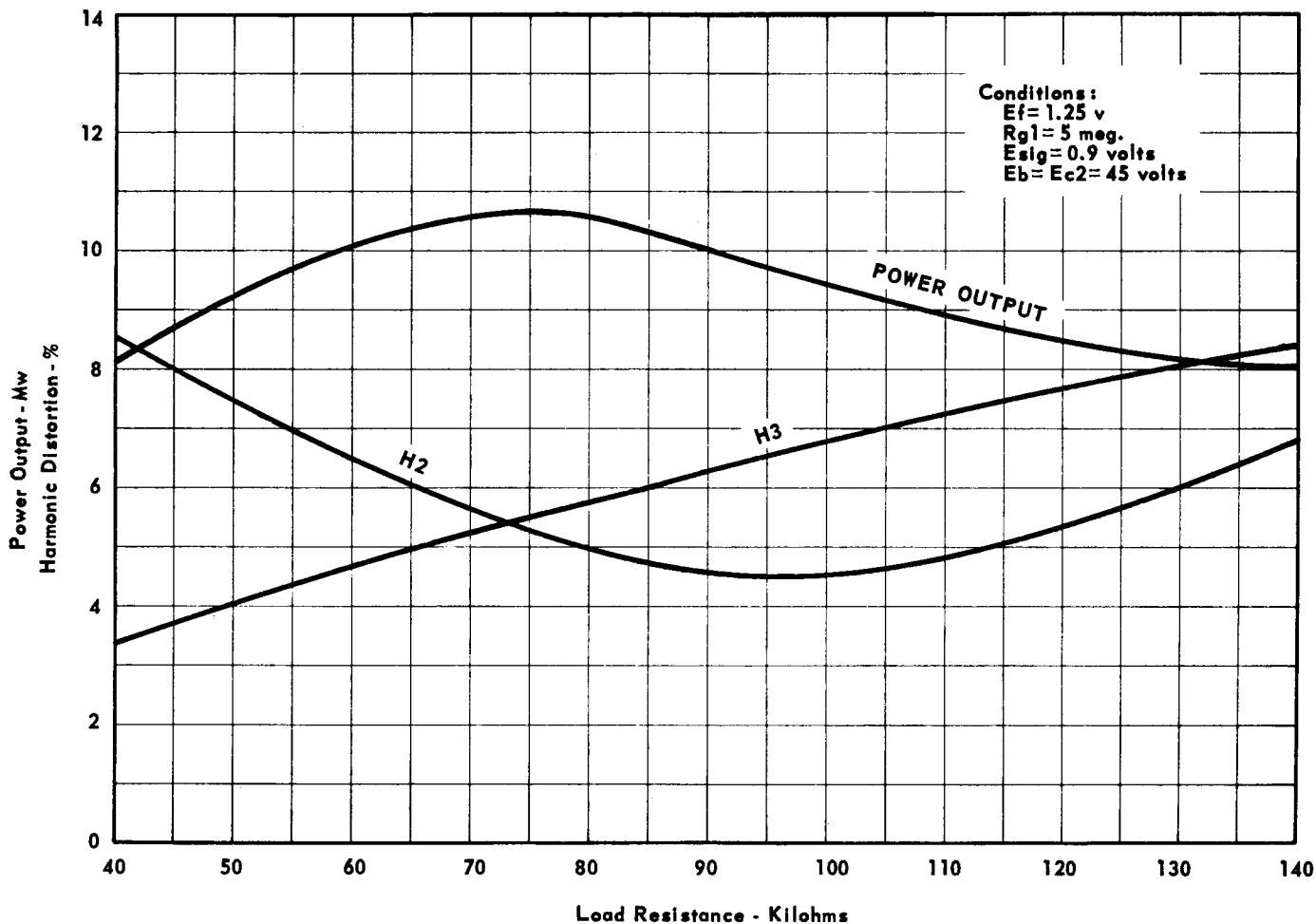
AVERAGE PLATE CHARACTERISTICS
(Triode Connected)





SUBMINIATURE PENTODE

AVERAGE CHARACTERISTICS



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