

*Excellence in Electronics***TYPE
CK6526**

The CK6526 is a filament type pentode power amplifier of subminiature construction designed for Class A amplifier applications in intermittent duty-cycle or "push-to-talk" service in 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 subminiature 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: (Red Dot is adjacent to Lead 1)

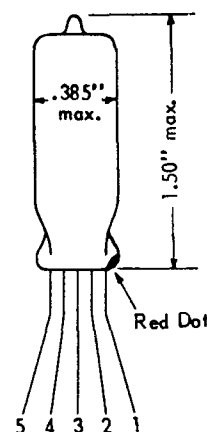
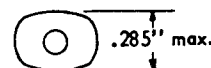
Lead 1 Plate	Lead 4 Grid #1
Lead 2 Grid #2	Lead 5 Filament, Positive, ▲
Lead 3 Filament, Negative, ▲	Grid #3
Grid #3	

MOUNTING POSITION: Any**ELECTRICAL DATA**RATINGS - ABSOLUTE MAXIMUM VALUES:

Filament Voltage (dc)	1.25 ± 10% volts
Plate Voltage	135 volts
Grid #2 Voltage	135 volts
Cathode Current	12 mA
Plate Dissipation	1.1 watts
Grid #2 Dissipation	0.40 watts

CHARACTERISTICS AND TYPICAL OPERATION - CLASS A1 AMPLIFIER:

Filament Voltage	1.25 volts
Filament Current	125 mA
Plate Voltage	110 volts
Grid #2 Voltage	110 volts
Grid #1 Voltage	-6.0 volts
Zero-Signal Plate Current	6.5 mA
Grid #2 Current	1.15 mA
Transconductance	1900 μ mhos
Plate Resistance (approx.)	0.140 meg.
Load Resistance	10 Kilohms
Distortion (approx.)	12 percent
Power Output	375 mW
Peak AF Signal Voltage	6.0 volts

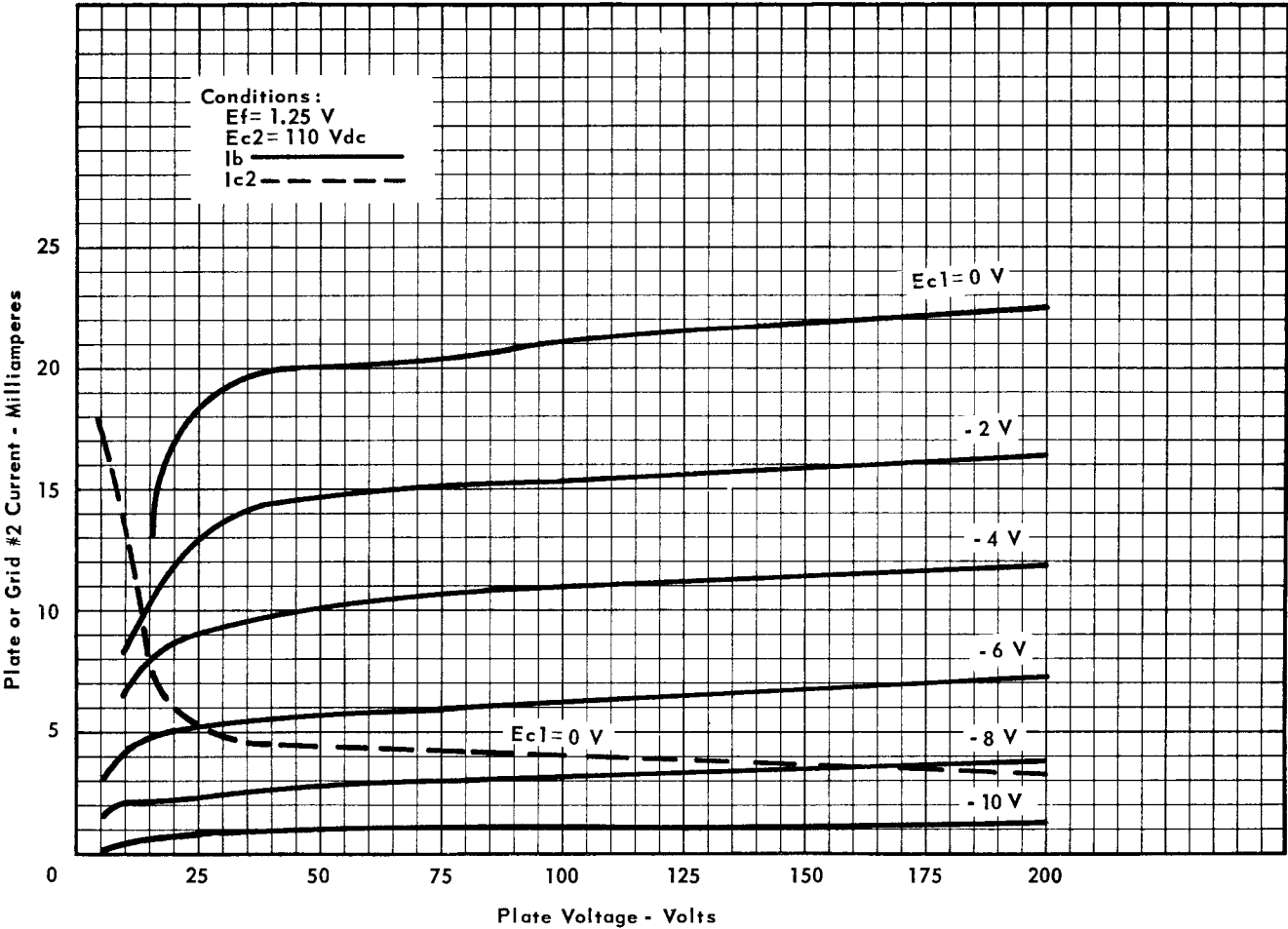


▲ Grid #3 is comprised of two separate deflector plates, one of which is connect to lead 3 and the other to lead 5.



SUBMINIATURE PENTODE

AVERAGE PLATE CHARACTERISTICS



RAYTHEON MANUFACTURING COMPANY

RECEIVING AND CATHODE RAY TUBE OPERATIONS