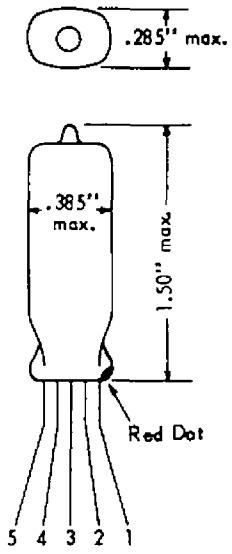
TYPE CK6092

The CK6092 is a filament type pentode power amplifier of subminiature construction designed for use 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 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 Grid #1
Lead 2 Grid #2	Lead 5 Filament, negative: Grid #3
Lead 3 Filament, positive: Grid #3	

MOUNTING POSITION: Any

ELECTRICAL DATA

RATINGS - ABSOLUTE MAXIMUM VALUES:

Filament Voltage (dc)	1.25± 20%	volts
Plate Voltage	67.5	volts
Grid #2 Voltage	67.5	volts
Total Cathode Current	3.5	ma.

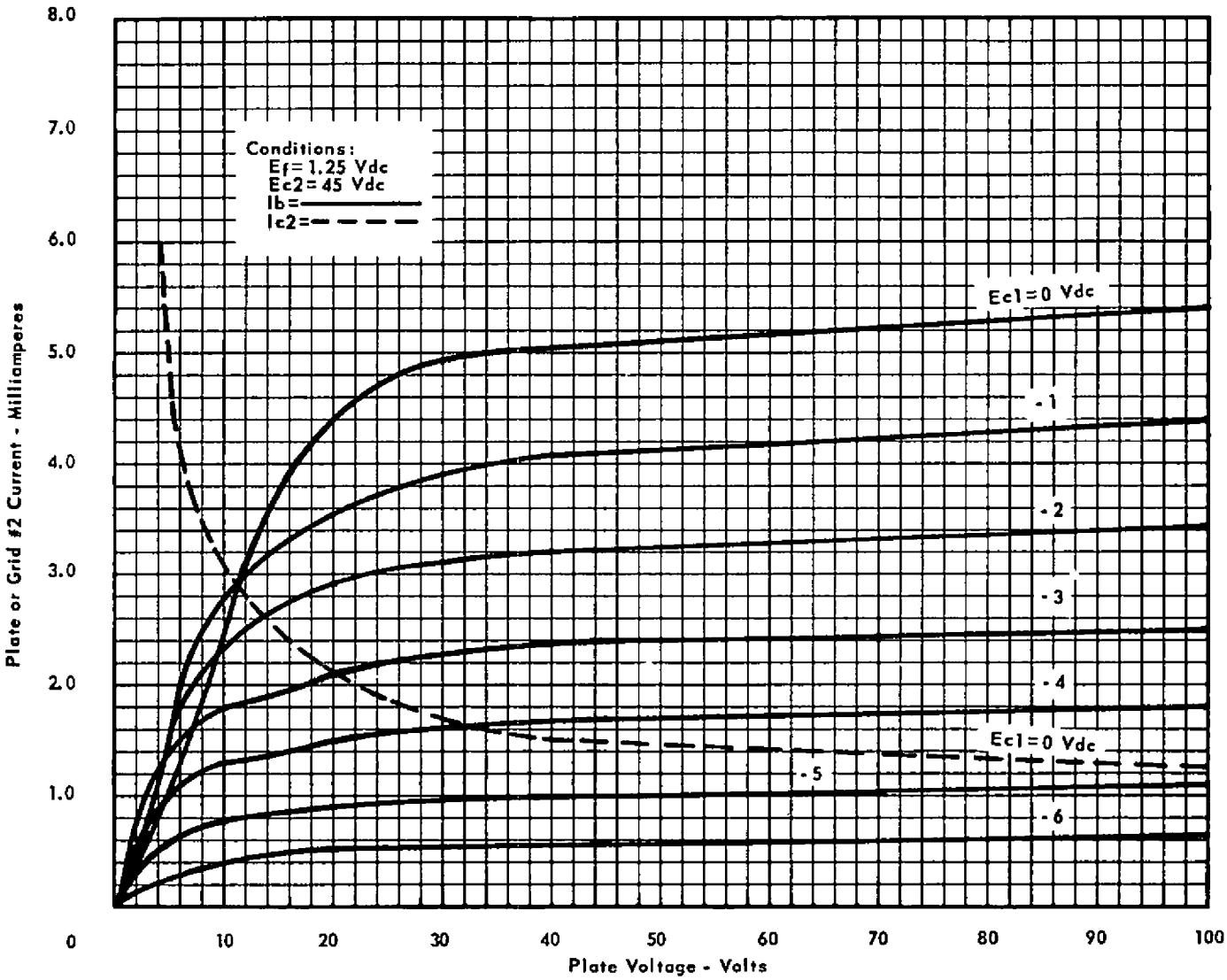
CHARACTERISTICS AND TYPICAL OPERATION:

Filament Voltage (dc)	1.25	volts
Filament Current	50	ma.
Plate Voltage	45	volts
Grid #2 Voltage	45	volts
Grid #1 Voltage	-4.5	volts
Plate Current	1.4	ma.
Grid #2 Current	0.4	ma.
Transconductance	600	μmhos
Load Resistance	30	kilohms
Distortion (approx.)	10	percent
Power Output	25	mw.

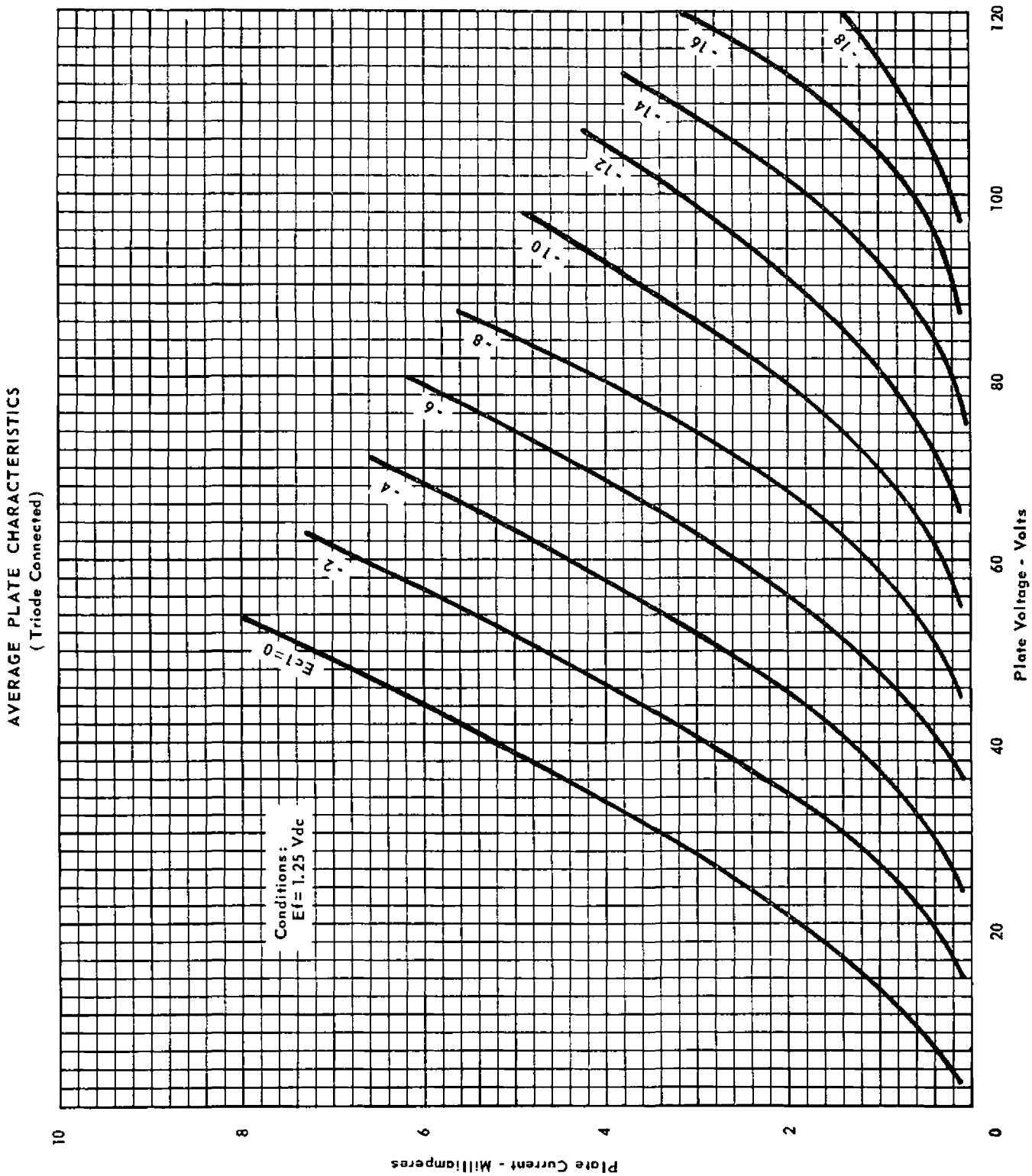
from JETEC release #1609, March 19, 1956

Tentative Data

AVERAGE PLATE CHARACTERISTICS

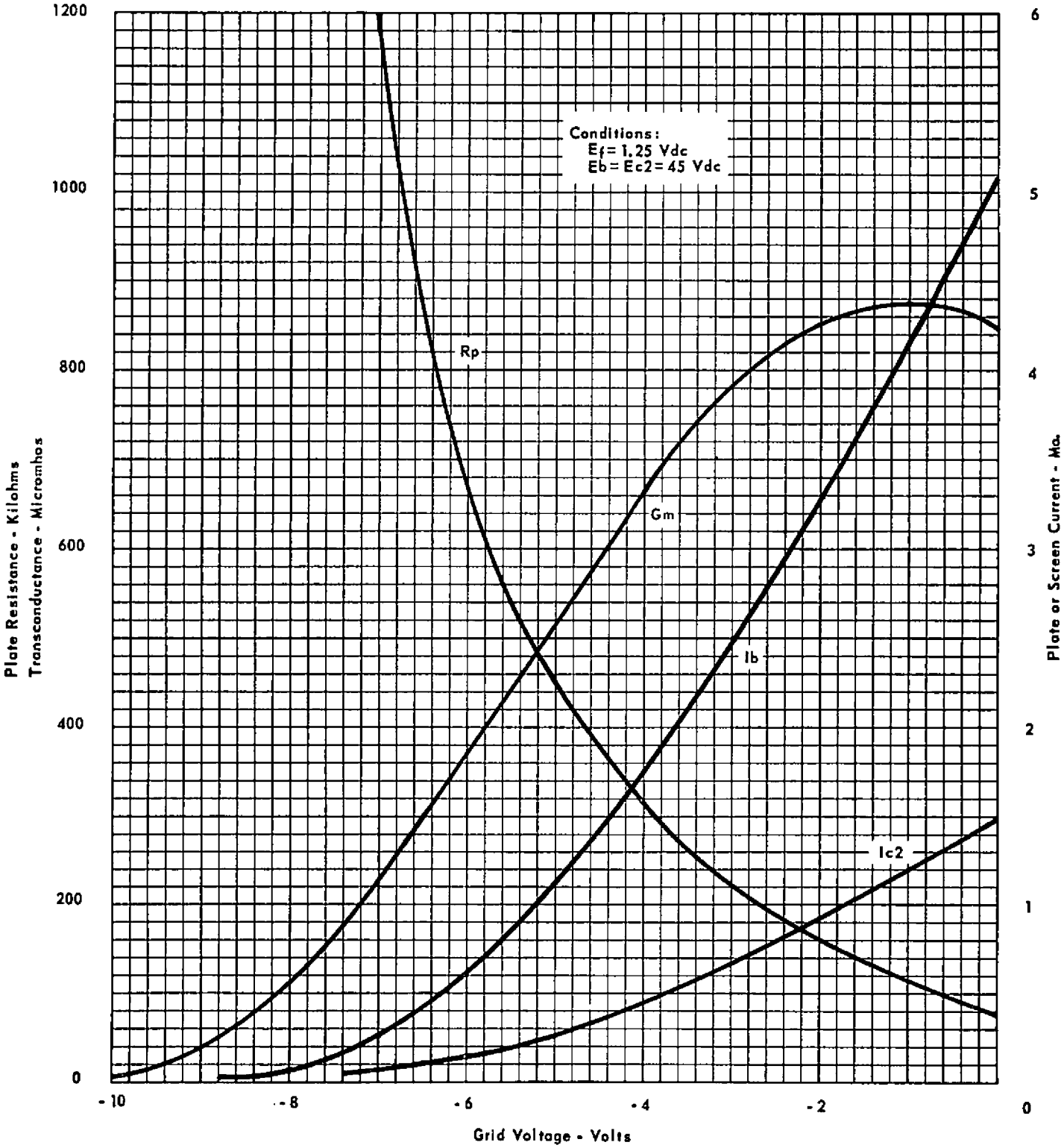


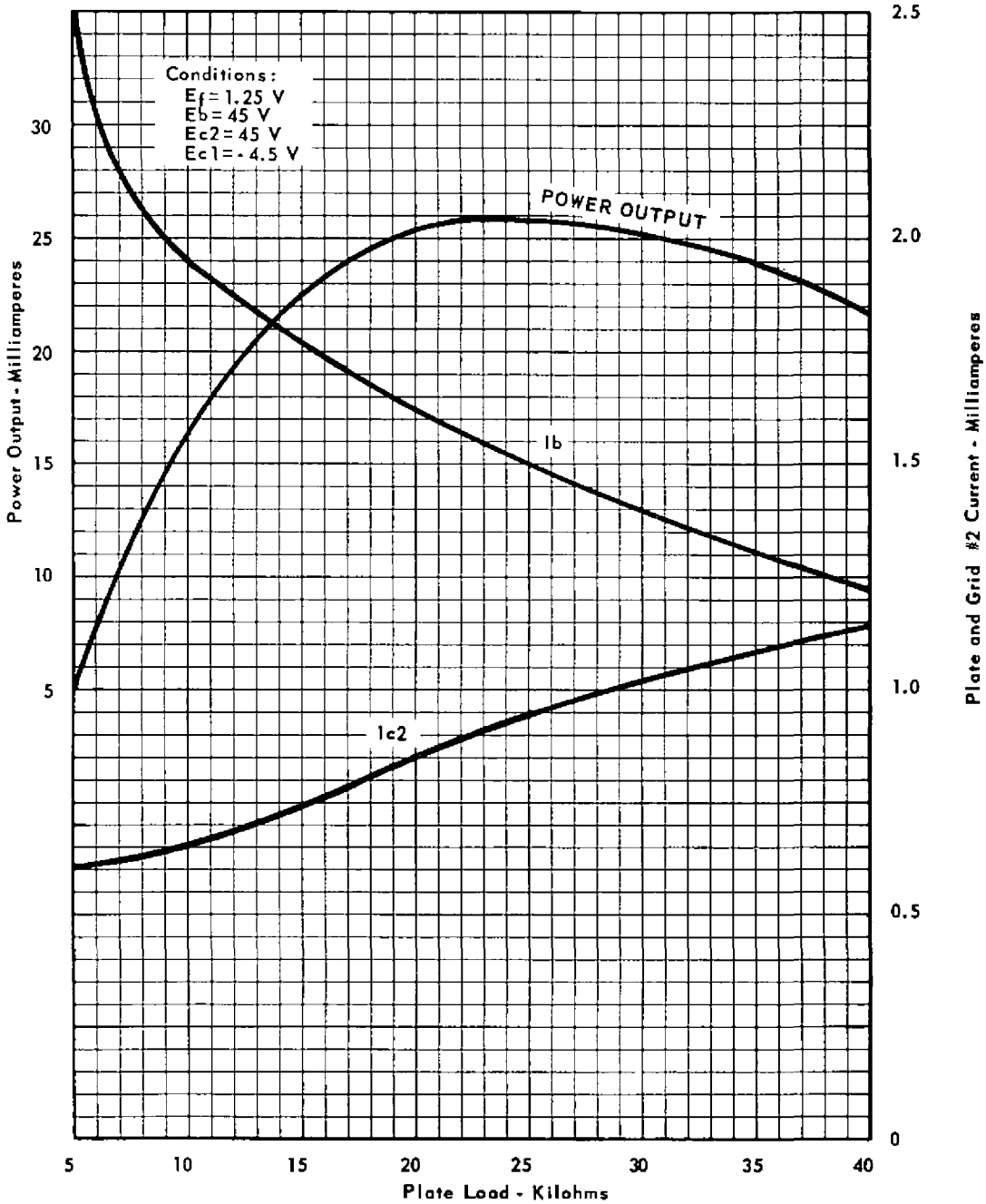
SUBMINIATURE PENTODE



SUBMINIATURE PENTODE

AVERAGE CHARACTERISTICS



SUBMINIATURE PENTODE

POWER OUTPUT CHARACTERISTICS