



ELECTRONIC TUBE REFERENCE

45B5

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Series-string power pentode, also designated UL84, for audio-output service in transformerless equipment and low-voltage output stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	45 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode

No fixed ratings recorded.

Published ratings and characteristics promoted from the supplied Rogers/Rogers Majestic source.

Series-string power pentode, co-designated UL84; the supplied table states electrical characteristics are identical to 6CW5/EL86.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Rogers

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1959 ROGERS

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	45 V	—
HeaterOrFilamentCurrent	100 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Amperex Condensed

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1963 AMPEREX CONDENSED

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	45 V	SeriesString
Heater current	100 mA	SeriesString
Electrical equivalence	6CW5 / EL86	IdenticalElectricalCharacteristics