

ELECTRONIC TUBE REFERENCE

EL806

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Very-high-transconductance power pentode for television video-frequency output amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9C12	BASE PINS	9
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.025 S
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	3 W
MAXIMUM CATHODE CURRENT	60 mA

Power pentode for television video-frequency amplification. Indirectly heated Mazda/Belvu receiving tube; descriptive text translated to English from the French source.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Mazda Belvu

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

1968 MAZDA BELVU

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tension filament ... 126	6.3 V	—
Courant filament . 300	600 mA	—
Tension d'ANOE ... rreoreerermensiesrsesceseecnersesasesasescensecacenress V0	250 V	—
Tension de grille n°2, ... V	250 V	—
Dissipation d'anode. ... Pa	10 W	—
Courant de cathode ... aeosecacécéressenseemseessoceussss 1K	60 mA	—
Tension entre le filament et la cathode...,..... Vfk	200 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacité d'Entrée® umrsersecessssenes Ce	13.5 pF	—
Capacité de sortie s Cs	5 pF	—
Dissipation de grille n° 2 arsosenasmeneuenmaassessenancenenessescnsesss PE3	3 W	—
Tension d'ANOdE rerrerreoresensemenseantesrsrensaenencemeensonccnccsess VA	150 V	—
Tension de grille n° 2.. ... VE	240 V	—
Courant de grille no2 18	8 mA	—
Pente... ... 8	25 mA	—
Courant danode pour Vg1 =-25 V aavnsensemsessorseesecressceccess T	40 mA	—