



ELECTRONIC TUBE REFERENCE

30L17

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Variable-mu VHF cascode dual triode, co-designated PCC806, designed for tuner RF amplification with gain-control capability and high combined cascode transconductance.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	7.2 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2400 Ω
TRANSCONDUCTANCE	0.0165 S
AMPLIFICATION FACTOR	40
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	1.6 W
MAXIMUM CATHODE CURRENT	18 mA
Representative section for two identical triodes.	

SECTION2 Triode	
PLATE RESISTANCE	2400 Ω
TRANSCONDUCTANCE	0.0165 S
AMPLIFICATION FACTOR	40
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	1.6 W
MAXIMUM CATHODE CURRENT	18 mA
<i>Second identical physical triode section; added to align rows with SectionCount.</i>	

Printed co-designation for the PCC806 variable-mu VHF cascode dual triode.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1973 Mazda Valves Binder 2

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

1973 MAZDA VALVES BINDER 2

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	7.2 V	Published nominal value
Heater current	300 mA	Published nominal value
Transconductance	16500 μ S	Published operating characteristic

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Combined cascode transconductance	18.3 mA/V	Grid-current-bias circuit

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