ELECTRONIC TUBE REFERENCE

30FL12

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
BEAMPOWER-TRIODE

> Triode/beam-power combination valve, co-designated PCE82, intended for television video-output and associated driver service with both power and small-signal sections in one envelope.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	10 V / 300 mA	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Dissimilar

Section ratings

SECTION1 Triode

TRANSCONDUCTANCE	0.0055 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.5 W

Published ratings and characteristics promoted where clearly stated; identical repeated sections compressed when applicable.

SECTION2 Beam Power

MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.5 W
MAXIMUM SCREEN DISSIPATION	1.3 W

Published ratings and characteristics promoted where clearly stated; identical repeated sections compressed when applicable.

> Printed co-designation for the PCE82 television video-output triode beam-tetrode.

SOURCE OPERATING CONDITIONS

1973 Mazda Valves Binder 2

SOURCE PDF

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	**10 V**	Published nominal value
Heater current	**300 mA**	Published nominal value

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum plate dissipation	**1.5 W**	Published maximum rating

1973 MAZDA VALVES BINDER 2

Section 2 · Beam Power

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater voltage	**10 V**	Published nominal value
Heater current	**300 mA**	Published nominal value

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum plate dissipation	**2.5 W**	Published maximum rating

Tube Tinker

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