



ELECTRONIC TUBE REFERENCE

ACSP3RH

Voltage Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Special low-noise, low-microphony version of the Mazda ACSP3 high-slope RF pentode for sensitive receiver and low-level amplifier stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.0075 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V

Special low-noise high-slope screened HF pentode designed to minimize hum, noise and microphony.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical anode current	7.8 mA	Screen80V
Typical anode current	12.3 mA	Screen200V
Typical screen current	2.45 mA	Screen80V
Typical screen current	3.85 mA	Screen200V

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	0.55 MOhm	Screen80V
Plate resistance	0.34 MOhm	Screen200V

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance hot	20 pF	Screen80V