



ELECTRONIC TUBE REFERENCE

A40

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Mazda acorn triode for detector or oscillator service at ultra-short wavelengths down to approximately 0.5 metre.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	4 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2650 Ω
TRANSCONDUCTANCE	0.00375 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	200 V
<i>Acorn triode.</i>	

Mazda A40 is an acorn triode whose small electrode dimensions, short leads and compact bulb permit ordinary circuits to operate at wavelengths down to about 0.5 metre. The triode is intended for detector or oscillator service.

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 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-cathode capacitance	0.6 pF	—
Grid-cathode capacitance	1 pF	—
Anode-grid capacitance	1.4 pF	—