

ELECTRONIC TUBE REFERENCE

6L1

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Twin triode intended for VHF receiver and tuner service, providing paired triode sections for high-frequency amplification and related front-end functions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	BSA	BASE PINS	8
NOMINAL HEATER	6.3 V / 400 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0028 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	3 W
Representative row for two electrically identical triode sections.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.0028 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	3 W
Second physical triode section; electrically identical twin section.	

Television twin triode with two electrically similar sections for parallel-heater operation.

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
Grid Anode Capacitance	2.7 pF	—
Grid Earth Capacitance	2.8 pF	—
Anode Earth Capacitance	2.4 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumTotalPlateDissipation	4 W	—