



ELECTRONIC TUBE REFERENCE

6L19

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Mazda/Ediswan 6L19 indirectly heated high-mu dual triode for resistance-capacitance-coupled audio amplification, with B8A base.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B8A	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	
PLATE RESISTANCE	16000 Ω
TRANSCONDUCTANCE	0.0033 S
AMPLIFICATION FACTOR	55
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.5 W
<i>Mazda/Ediswan 6L19 triode section 1. At V_a 200 V I_a 5 mA: μ ~55, g_m ~0.0033 A/V, r_p ~16000 Ω. Max plate 250 V, dissipation 1.5 W, heater-cathode 150 V. C_{gp} 2.5 pF, grid-earth 2.8 pF, plate-earth 2.5 pF, interplate 0.65 pF. B8A base.</i>	

SECTION2 Triode	
PLATE RESISTANCE	16000 Ω
TRANSCONDUCTANCE	0.0033 S
AMPLIFICATION FACTOR	55
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.5 W
Mazda/Ediswan 6L19 triode section 2. At V_a 200 V I_a 5 mA: $\mu \sim 55$, $g_m \sim 0.0033$ A/V, $r_p \sim 16000 \Omega$. Max plate 250 V, dissipation 1.5 W, heater-cathode 150 V. C_{gp} 2.5 pF, grid-earth 2.9 pF, plate-earth 2.3 pF, interplate 0.65 pF. B8A base.	



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

9999 Mixed G 1000

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

9999 MIXED G 1000

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	200 V	—

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Section 2 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	200 V	—

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