



ELECTRONIC TUBE REFERENCE

6528A

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE

Rugged medium-mu twin power triode for high-current series-regulator and pass-tube service. Very high transconductance, low plate resistance, and roughly 30 W plate dissipation per section support powerful stabilized supplies and control applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B8-98	BASE PINS	8
NOMINAL HEATER	6.3 V / 5 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	245 Ω
TRANSCONDUCTANCE	0.045 S
AMPLIFICATION FACTOR	11
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM CATHODE CURRENT	300 mA
Representative section for identical dual sections.	

Medium-mu rugged twin power triode for series-regulator/pass-tube service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Nominal
Heater current	5 A	Nominal
Plate current per section maximum	300 mA	PerSection
Maximum altitude at full ratings	10000 ft	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Tung Sol Industrial Tubes

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

1965 TUNG SOL INDUSTRIAL TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	5 A	—
Minimum cathode heating time	30 s	—
Maximum heater-cathode voltage	-300–300 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-cathode capacitance	17.8 pF	—
Grid-plate capacitance	23.8 pF	—
Cathode-plate capacitance	2.9 pF	—
Heater-cathode capacitance	15 pF	—
Plate-to-plate between sections capacitance	0.6 pF	—

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