



ELECTRONIC TUBE REFERENCE

6C8P

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Shuguang 6C8P indirectly heated high-frequency pulse-oscillator triode with 500 V maximum plate rating and 3.6 W dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.003 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	3.6 W
<i>Shuguang 6C8P Chinese datasheet: indirectly heated high-frequency pulse oscillator triode. Heater 6.3 V 0.30 A, allowed 5.7-6.9 V. Typical V_a 300 V, V_g -10.5 V, I_a 11.25 ± 3.25 mA, g_m 3 ± 0.6 mA/V = 0.003 A/V, μ 20 ± 2. Maximum plate voltage 500 V (300 V is operating condition), maximum plate dissipation 3.6 W, heater-cathode ± 100 V. Input capacitance 2.2 ± 0.4 pF, output 0.65 ± 0.5 pF, transfer 3.6 ± 0.72 pF. Existing Triode section retained.</i>	

Indirectly heated oxide-cathode triode intended for high-frequency pulse oscillation.



SOURCE OPERATING CONDITIONS

SOURCE PDF

198X Shuguang

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

198X SHUGUANG
Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Nominal
Heater current	300 mA	Nominal
Plate voltage	300 V	Published principal electrical parameter

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